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La Salle College

Philadelphia, Pennsylvania

BULLETIN

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La Salle College

BULLETIN



A Catholic College For Men

*Conducted by the
Brothers of the Christian Schools*

1959-1960

Philadelphia 41, Pennsylvania



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1959

SEPTEMBER							OCTOBER							NOVEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
	1	2	3	4	5			1	2	3		1	2		1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	
27	28	29	30				25	26	27	28	29	30	31	29	30						

							DECEMBER													
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13	14	15	16	17	18	19	13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	30				27	28	29	30				27	28	29	30	31		

1960

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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3	4	5	6	7	8	9	7	8	9	10	11	12	13	6	7	8	9	10	11	12
10	11	12	13	14	15	16	14	15	16	17	18	19	20	13	14	15	16	17	18	19
17	18	19	20	21	22	23	21	22	23	24	25	26	27	20	21	22	23	24	25	26
24	25	26	27	28	29	30	28	29						27	28	29	30	31		
31																				

APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2			1	2	3	4	5	6		1	2	3	4			
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30		

FALL TERM, 1959

September		
13	Freshman Residents Report	
14-18	Registration and Orientation for Freshmen	
21	Registration for Upperclassmen	
22	Beginning of Classes	
	Last Day for Program Changes	
October		
13	Honors Convocation	
November		
1	All Saints	
9-13	Mid-Semester Examinations	
26	Thanksgiving Recess Begins	
30	Classes Resume	
December		
8	Immaculate Conception (Holiday)	
18	Christmas Recess Begins (6:00 P.M.)	
January		
4	Classes Resume	
15	Semester Examinations	
18-22	Semester Examinations	

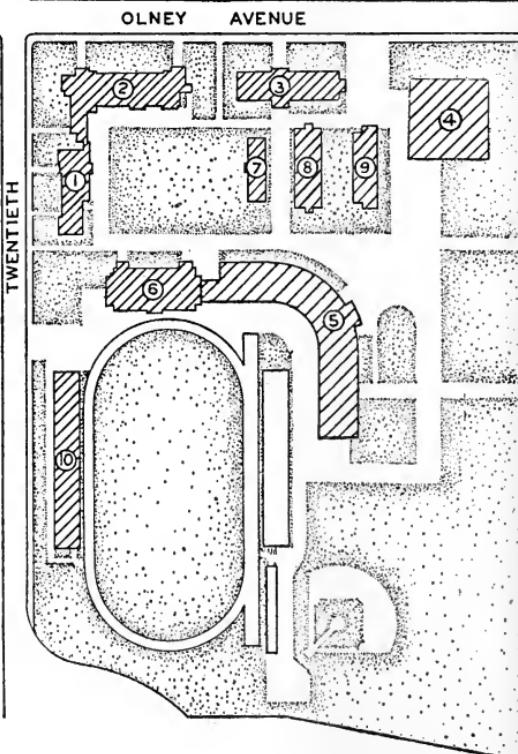
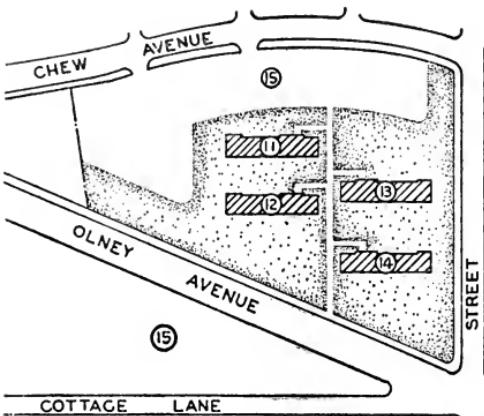
Friday Dec 4
Friday Dec 18
Wed Jan 13

SPRING TERM 1960

January		
25-28	Registration	25 Sat classes
February		Bible
1	Beginning of Classes	
2	Last Day for Program Changes	15 13
March		
18	President's Day (Holiday)	30
14-17	Mid-Semester Examinations	14 Chem 15 Adv Chem 20
April		(12)
11-13	Student Retreat	
13	Easter Recess Begins (12:00 Noon)	
19	Classes Resume	
May		
16	Founder's Day	
20	Senior Examinations Begin	
26	Ascension Day (Holiday)	
27	Semester Examinations for Underclassmen Begin	
30	Memorial Day (Holiday)	
31-June 3	Semester Examinations for Underclassmen	
June		
9	Commencement (Tentative)	

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PHILADELPHIA, PA.



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- 1 FACULTY
- 2 COLLEGE HALL
- 3 LIBRARY
- 4 SCIENCE
- 5 STUDENT UNION
- 6 GYMNASIUM
- 7 McSHAIN
- 8 LEONARD
- 9 BENILDE
- 10 McCARTHY HALL
- 11 ST. DENIS RESIDENCE HALL
- 12 ST. BERNARD RESIDENCE HALL
- 13 ST. CASSIAN RESIDENCE HALL
- 14 ST. ALBERT RESIDENCE HALL
- 15 PARKING AREA

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* On leave, 1959-60.

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COMMITTEES OF THE ADMINISTRATION AND FACULTY

College Council: Brother Daniel Bernian, *chairman*; Brother D. John; Brother G. Robert; Brother David Cassian; Brother F. Christopher; Brother Gregorian Paul; Dr. Sprissler; Brother Gavin Paul; Mr. McCloskey; Mrs. Lennon, *secretary*.

College Academic Affairs: Brother D. John, *chairman*; Brother David Cassian; Brother G. Robert; Brother Gregorian Paul; three faculty members, one each from the School of Business Administration, School of Arts and Science and Evening Division; Director of Summer Session.

Student Personnel Services: Brother Gavin Paul, *chairman*; Father Mark Heath; Brother D. Augustine; Brother G. Kevin; Mr. Rooney; Mr. Henry; Mr. McCloskey; Mr. Reifsteck; Mrs. Serchak.

Library: Brother Edmund Joseph, *chairman*; Brother F. James; Dr. Guischard; Dr. Penny; Dr. Courtney; Mr. Reifsteck.

Athletics: Brother G. Robert, *chairman*; Father Mark Heath; Mr. Henry; Mr. Courtney; Brother Christopher; Brother G. Paul; Dr. Naughton.

Faculty-Student Relations: Brother D. Augustine, *chairman*; Mr. Carrio; Dr. Ciesla; Brother G. Paul; Dr. Penny; four students elected by the student council.

Admissions: Brother D. John, *chairman*; Brother G. Robert; Brother David Cassian; Brother Gregorian Paul; Brother F. Christopher.

Student Discipline: Brother Gavin Paul, *chairman*; Mr. Carrio; Mr. Dillon; Brother E. Patrick; Dr. McCarthy; Brother Fortinian Joseph; Brother F. James.

Awards: Brother E. Patrick, *chairman*; Brother F. Adrian; Brother F. Joseph; Mr. Fitzgerald.

Budget: Brother Daniel Bernian, *chairman*; Brother D. John; Brother Felix Francis; Brother Gavin Paul; Dr. Sprissler.

Scholarship: Brother G. Joseph, *chairman*; Brother F. Christopher; Brother G. Paul; Mr. Halpin.

Recommendations:

- (1) Medical and Dental Schools, Graduate Schools of Science—Brother F. Christopher, *chairman*; Dr. Holroyd; Brother Damian; Brother M. Edward.
- (2) Graduate Schools—Dr. Flubacher, *chairman*; Brother Lewis; Mr. Leonard.
- (3) Law School—Mr. Halpin, *chairman*; Mr. Courtney; Mr. Nathans.

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HISTORY OF THE COLLEGE

In 1863, eighteen years after the Brothers of the Christian Schools first came to this country, the development of Catholic education in the Archdiocese of Philadelphia reached such a level that the need for an institution of higher learning within the city limits became very pressing. A group of eminent priests and laymen under the leadership of the Most Reverend James Frederick Wood, later to become the Archbishop of Philadelphia, secured from the Legislature of the Commonwealth of Pennsylvania a charter for the incorporation of La Salle College. Under the authority of this charter the Academy, which had been conducted by the Christian Brothers as an adjunct to Saint Michael's Parochial School, became the nucleus of the new college.

Beginning with its inception in 1863 in Saint Michael's Parish, the College outgrew three locations—the Academy site in the parish, the site at Broad and Juniper Streets, until a few years ago the location of the Evening Bulletin Building, and the old Bouvier Mansion at Broad and Stiles Streets. In 1929, the College was transferred from Broad and Stiles to a new location in beautiful Wister Woods located in Belfield Park, part of the Wister Farms. The new buildings were ready for full occupancy in 1930, housing the College, the Secondary Department and Benilde Academy.

The development of the College has been rapid, especially so since the end of World War II. In 1946, the College inaugurated an Evening Division in response to many demands from men in Industry and Business. After a little more than ten years, the enrollment in the Evening Division has grown to 2000.

Long an urban institution, serving metropolitan Philadelphia and the surrounding communities, the College was finally forced to yield to the demands of out-of-town students for campus accommodations. Accommodations in the four campus residence halls are limited to two hundred and seventy-five. Each year marks further growth and development and the College again has reached a level where it must expand further to meet the increasing demands made upon it.

In 1951, the beautiful Dixon Estate in Elkins Park was purchased to serve as a location for the young men preparing to be Brothers and who are in attendance at the College. The Elkins

Park campus has on it Anselm Hall, the training college for the young student Brothers, named after Brother Anselm, for many years president of the College.

In 1955, because of its rapid growth and development, the College reorganized its administrative patterns and created several schools the better to serve the student body. The traditional organization of the College was replaced by separate schools of Arts and Science, Business Administration, and the Evening Division.

The latest phase of the College's growth and development is evidenced magnificently in a Student Union, recently completed, and a Science Building now under construction.

LOCATION

La Salle College, located at Twentieth Street and Olney Avenue in the City of Philadelphia, is situated in the suburban atmosphere of Wister Woods. This location affords easy access via public transportation or automobile from the surrounding metropolitan and suburban areas. The College is but a few minutes' walking distance from Olney Avenue Station of the Broad Street subway. Routes 309 and 422 pass by the College; Route 611 comes within a few blocks of the campus; Route 1 provides easy access from Trenton and the surrounding areas in New Jersey. The College can be reached conveniently by residents of South Jersey because of the bridge trains which connect with the Broad Street subway. The Pennsylvania Railroad provides convenient transportation to students from the Wilmington and Chester areas.

CAMPUS AND BUILDINGS

College Hall

College Hall forms the north side of the quadrangle. It houses many of the administrative offices and is the hub of the instructional activities of the College. It contains conventional amphitheatre type classrooms, science laboratories and an auditorium.

Faculty Residence

The Faculty Residence, forming the west side of the quadrangle, houses the major portion of the living quarters of the administrative and instructional personnel of the Community of the

Brothers of the Christian Schools attached to La Salle College. It also contains the Office of the President of the College; the Board of Managers Meeting Room; the College Chapel; the Information Desk and reception rooms.

College Library

The new College Library was opened in September, 1952 and incorporates the latest principles of library architecture and planning. It will accommodate 150,000 volumes, and it provides study and research facilities for students, faculty and alumni.

McShain Hall

McShain Hall, located on the east side of the quadrangle, contains living quarters for some of the Christian Brothers attached to La Salle College and its eight classrooms are used for instruction in the Evening Program.

Benilde Hall

Benilde Hall is a two-story structure located to the east of Leonard Hall. It contains classrooms and faculty offices. It serves as an auxiliary unit to the main instructional building, College Hall.

Leonard Hall

Leonard Hall is a one-story structure located east of the quadrangle between McShain and Benilde Halls housing temporary facilities for College students.

Field House

The Field House is located on the south side of the quadrangle. It contains a large gymnasium accommodating approximately 1500 spectators with separate dressing and equipment rooms as well as office space for the athletic department. The second and third floors of this building provide additional classroom space.

McCarthy Hall

This is a one-story structure located under the west stands of McCarthy Stadium. It serves as headquarters and classroom area for the Department of Military Science and Tactics and also houses the office of the Superintendent of Buildings and Grounds and a band practice room.

Anselm Hall

In 1951, the La Salle campus was extended by the acquisition of fifty-three acres in suburban Elkins Park. This property, at Spring Avenue and Ashbourne Road, a fifteen-minute drive from Twentieth and Olney, provides a residence for approximately one hundred Christian Brothers, both faculty members and students of the College. Anselm Hall's seventy rooms provide not only chapel, refectory, study halls and sleeping accommodations for these Brothers, but also lecture halls where many of the College classes are held.

Residence Halls

There are four residence halls located on the north side of Olney Avenue, west of Twentieth Street. These are St. Albert Hall, St. Bernard Hall, St. Cassian Hall and St. Denis Hall. Each residence hall contains 35 double rooms, suitably furnished for student comfort and containing adequate facilities. A large reception lounge is located on the first floor of each building.

Student Union

All non-academic student-centered activities are concentrated in this building, recently completed. Besides the cafeteria, book-store, and lounge areas, the Student Union Building provides a "little theater" style auditorium and many meeting rooms for student activities and organizations.

Science Building

The Science Building, now under construction, will provide 85,000 square feet of additional area for laboratory and science instructional purposes. It is located east of the Library, and will be ready for occupancy in September, 1960.

Athletic Field

The athletic field is located on the east side of the main campus and it contains two complete baseball diamonds and soccer field. Its area is used also for the College intra-mural sports program as well as for ROTC drill formations.

Boat House

La Salle College crews have the use of the facilities of the Boat House of the La Salle Rowing Association. The Boat House is located on "Boat House Row" on the east bank of the Schuylkill River about five miles from the College campus.

RECOGNITION AND MEMBERSHIP

La Salle College is chartered by the Legislature of the Commonwealth of Pennsylvania and is empowered by that authority to grant academic degrees. It is accredited with the Middle States Association of Colleges and Secondary Schools, the Pennsylvania State Department of Public Instruction, the Regents of the University of the State of New York, the American Medical Association and the Pennsylvania State Board of Law Examiners.

The College is a member of the American Council on Education, the Association of American Colleges, the National Catholic Educational Association, the College and University Council of Pennsylvania, the Association of Liberal Arts Colleges of Pennsylvania for the Advancement of Teaching, the Pennsylvania Catholic Education Association, the Pennsylvania State Education Association, the American Library Association, the National Commission on Accrediting, the American Catholic Historical Society and the Educational Conference of the Brothers of the Christian Schools.

The College is also a charter member of the Foundation for Independent Colleges, Inc., an association of non-tax supported liberal arts colleges in Pennsylvania, whose purpose it is to solicit support from Industry and Business for the liberal arts colleges of the Commonwealth.

FACULTY OF THE COLLEGE

The faculty of La Salle College is composed of Brothers of the Christian Schools and laymen who have devoted their lives to Christian education.

The Brothers, following the traditions of their founder, Saint John Baptist de la Salle, the Patron of all Christian Teachers, are dedicated to the Christian education of young men. Their lives are consecrated to holiness and scholarship, for it is in these ideals that true education must be fostered. Father Lord, S.J., describes well

their vocation as teachers: "Without the possible distractions of the priesthood, the Brothers give their undivided energies to the men in their classes. . . . Divided from them only by thin lines of a religious habit and the tremendous but invisible wall of their vows, they can win confidence, solve problems, and offer sympathetic understanding. They are teachers lifted to supernatural heights by their consecration."

The priests and laymen of the faculty are selected because of special qualifications in their fields of endeavor and for their adherence to the principles of Christian education exemplified in the philosophy of Saint John Baptist de la Salle.

OBJECTIVES OF THE COLLEGE

La Salle College is a Catholic college for men, conducted by the Brothers of the Christian Schools, a religious congregation of teachers founded by Saint John Baptist de la Salle. The College, as a Catholic institution of higher learning, accepts as a basic purpose that which is fundamental to the whole system of Catholic education, namely, the development of the supernatural man who, in the words of Pope Pius XI, "thinks, judges, and acts constantly and consistently in accordance with right reason illuminated by the supernatural light of the example and teaching of Christ; in other words, to use the current term, the true and finished man of character."

The College strives to accomplish the following for all students:

- 1) to give to the student a higher education based on the principles of Christianity;
- 2) To develop the student intellectually so that he might learn to think critically and reason logically;
- 3) to prepare the student for responsible citizenship by acquainting him with the foundations of American democracy as they have evolved in the processes which created our Western civilization;
- 4) to foster in the student the development of an integrated personality which requires that he be provided with an opportunity to satisfy the intellectual, moral, social, emotional, recreational and vocational needs according to norms proper to a cultured Catholic gentleman;

- 5) to make available to the graduates of Catholic high schools of the area, and in particular, to young men in moderate economic circumstances, an opportunity for a higher education.

To realize these objectives as completely as resources permit, the following standards guide the efforts of the faculty:

- 1) Courses in religion are included in every program of instruction. Formal instruction is supplemented by religious services, student retreats, class prayers, religious organizations, and, in general, by a Christian atmosphere on the campus.
- 2) Courses in philosophy are required in every program of instruction. These help the student to integrate his knowledge, to develop independent and responsible thinking, and to evaluate critically various philosophical systems.
- 3) All students are required to study American history to help them appreciate the reasons for the position which the United States holds in the present world scene. This instruction has for its purpose the orientation of the student in much of the reading, discussion and information which mass media of communication bring to the public today.
- 4) The personnel program offers to the student services and opportunities which complement the instructional program—social and cultural activities, a program of co-curricular activities, intercollegiate and intra-mural athletics, professional services in the field of vocational and religious guidance.
- 5) The College has consistently maintained modest tuition fees and a generous student-aid program to make a higher education available to as many deserving students as possible.

ORGANIZATION OF THE COLLEGE

I UNDERGRADUATE DIVISION

1) THE SCHOOL OF ARTS AND SCIENCES

- a) Liberal arts programs leading to the bachelor of arts degree offering majors in the Classics, English, Economics, Languages, History, Government, Philosophy and Sociology.
- b) Science programs leading to the bachelor of arts degree offering majors in Biology, Chemistry, Mathematics, Physics and Psychology.

2) THE SCHOOL OF BUSINESS ADMINISTRATION

Programs leading to the bachelor of science degree and offering majors in Accounting, General Business, Finance, Industrial Management, Industrial Relations and Marketing.

3) THE EVENING DIVISION

- a) Programs in Business leading to the bachelor of science degree offering majors in Accounting, Marketing, Finance, Industry and General Business.
- b) Programs in Science leading to a bachelor of science degree offering majors in Chemistry and Electronics.
- c) Programs leading to a Certificate of Proficiency.

II GRADUATE DIVISION

The program in Religious Education, leading to a master of arts degree, is available to members of the Brothers of the Christian Schools.

RELIGIOUS INSTRUCTION

Catholic students are required to follow certain prescribed courses in Religion. This religious instruction is necessarily related to the fundamental purpose of the College and is at the core of its objectives. The curriculum in Religion stresses the essential truths which are basic to our Christian civilization and without which there can be no truly Christian intellectual and cultural formation.

Non-Catholics admitted to the College are required to follow certain courses in Religion which are not, however, related to the program followed by Catholic students. These courses enable the non-Catholic student to appreciate more fully the religious elements which are essential to a true education. The detailed program of courses in Religion and philosophy for non-Catholic students is given on page 71 of this catalogue.

SUMMER SESSION

A limited number of courses are offered during the summer. Some of these are six weeks' courses; others, twelve.

The Freshman class entering in February is required to complete the second semester during the summer. This enables the

class to resume work in September within the regular pattern of the college year.

A roster of summer courses to be offered is available around April 1st. It may be secured from the Director of the summer session.

Properly qualified applicants from accredited institutions may enroll in these courses.

THE RESERVE OFFICERS' TRAINING PROGRAM

The primary purpose of the Reserve Officers' Training Corps is to produce commissioned officers for the United States Army Reserve and the Regular Army.

R.O.T.C. instruction is divided into two phases: The Basic Course and the Advanced Course. The Basic Course consists of two academic years of instruction. All freshman and sophomore students who are not veterans and who meet the following requirements are required to enroll in and complete successfully the Basic Course. They must be:

1. citizens of the United States;
2. physically qualified under standards prescribed by the Department of the Army;
3. accepted by La Salle College as regularly enrolled students;
4. not less than 14 years of age and under 23 years at the time of enrollment;
5. pass such general survey or screening tests as may apply.

Students who have had previous military training may have the first-year ROTC requirement waived; if their training is substantially equivalent to the complete Basic Course both years of ROTC training may be waived.

Those students who have successfully completed the Basic Course and who are selected by the President of the College and the Professor of Military Science and Tactics, may be enrolled in the Advanced Course. Eligible students enrolled in the Basic or Advanced Courses may be deferred from induction into the Armed Forces.

The Advanced Course consists of two academic years of instruction and six weeks of training in a summer camp for artillery

students conducted at Fort Sill, Oklahoma. Three hours per week are devoted to military subjects during the Basic Course; five hours per week during the Advanced Course.

Students do not receive any pay while pursuing the Basic Course. While enrolled in the Advanced Course, students receive approximately \$27.00 per month, and, while at summer camp, receive approximately \$75.00 per month, plus food, lodging, uniforms, equipment, medical care and travel pay to and from the camp.

Uniforms, textbooks and equipment are issued to the students at the beginning of each school year and must be turned in by the students at the end of the school year. Textbooks are issued for military subjects only. Uniforms must be worn one day each week.

The successful completion of the Basic Course R.O.T.C. is a prerequisite for a degree from La Salle College. Students are required to maintain a satisfactory scholastic standing in all subjects to remain in the advanced ROTC course.

Upon satisfactory completion of the ROTC course, students will be eligible for a commission in the Organized Reserve Corps. A few outstanding students will be eligible for a commission in the Regular Army.

Prospective students who desire information concerning the Reserve Officers' Training Program should communicate with the Professor of Military Science and Tactics, La Salle College, Philadelphia 41, Pennsylvania.

AWARDS AND HONORS

The following prizes are awarded annually:

The Sir James J. Ryan Purse of twenty-five dollars in memory of the late Sir James J. Ryan, K.C.S.G., is offered to the student of the senior class who has the best record in scholarship.

The Harrity Memorial Award for Religious Instruction, founded by Mrs. William F. Harrity, in memory of her husband, the late Honorable William F. Harrity, is open to all college students. It is awarded through a competitive examination.

The Anastasia McNichol Award for English Essay, founded by the late Honorable James P. McNichol, is open to all college students.

The William T. Connor Awards totaling one hundred dollars, in memory of William T. Connor, Esq., '00, LL.D., '39, Trustee of the College, are offered to those seniors who have excelled in certain subjects.

The John McShain Award of fifty dollars, donated by Mr. John McShain, is offered to the senior who has maintained a high scholastic record and who was most active in promoting, apart from athletics, the interests of the College.

The John J. Mooney Award, established under the will of Anna E. Wingert, in memory of John J. Mooney, an alumnus of La Salle College, is granted to the senior with the best scholastic record in language and literature.

The Honorable Vincent A. Carroll Award, donated by the Honorable Vincent A. Carroll, is offered to the senior who has the best scholastic record in Philosophy.

The Vernon Guischard Award of fifty dollars is granted annually to the student in the Upper Division of the Department of French who has maintained the best scholastic record in the study of the language and literature of France.

Two medals, provided by the French Government, are awarded annually to students proficient in the language and literature of France.

The Philadelphia Chapter of the Pennsylvania Society of Public Accountants Award, is offered to the senior with the highest scholastic average in Accounting.

The Pennsylvania Institute of Certified Public Accountants Awards presented to two seniors in recognition of their high scholastic record in accounting subjects and the demonstration of qualities of leadership.

The Army ROTC Medal given each year by the Association of the U. S. Army Artillery to the outstanding graduating cadet of the La Salle College ROTC Unit. The medal is a bronze reproduction of the Palma Vecchio painting of Saint Barbara encircled by the words: "Association of the U. S. Army Artillery ROTC."

The Army ROTC Sabre, donated by La Salle College, is offered to the senior with the best record in Military Science.

The Alpha Epsilon Honor Society Award, donated by the Society, is offered to the senior with an excellent scholastic record who has shown great interest in extra-curricular activities.

The Military Order of the World Wars Medal, given by the Philadelphia Chapter, to the graduating ROTC cadet who excelled in ROTC and has also shown great interest in extra-curricular activities.

The Catholic War Veterans Medal, given each year by the Philadelphia County Chapter to the ROTC freshman who showed most interest in ROTC activities.

Roman Catholic High School Alumni Award, in the amount of one hundred dollars, is given annually to a graduating senior for general excellence, at the discretion of the College.

The Joseph J. Sprissler Award of the Student Congress of the Evening Division recognizes the student who has maintained a good scholastic standing and has participated in an outstanding manner in extra-curricular activities.

THE LIBRARY

The new library building, located on Olney Avenue at 19th Street, houses a collection of approximately 50,000 books and has files of about 300 periodicals. About 7,000 new volumes are added each year to keep the collection up-to-date and adapted to the needs of the students.

An open stack system encourages browsing, and a liberal renewal policy applies to the usual two-week loan to encourage maximum use of the books. The library is open more than 60 hours a week, and competent readers' advisers enable students through personal guidance to become proficient in gathering information from indexes, bibliographies, loose leaf services and other bibliographical tools.

TUITION, FEES, AND OTHER CHARGES

La Salle College reserves the right to amend or add to the charges listed below at any time and to make such charges applicable to students presently enrolled as well as to new students.

ACCEPTANCE DEPOSIT

An acceptance deposit of \$25.00 is required of all new students. A student's acceptance shall not be considered official unless his remittance for this deposit accompanies his "Confirma-

tion of Acceptance." Upon registration and attendance, the \$25.00 paid will be credited to the student's tuition account. If the student fails to register and attend, the deposit shall be forfeited.

PRE-COLLEGE TESTING AND COUNSELING FEE

A fee of \$20.00, for pre-college testing and counseling, is charged to all incoming freshmen and other newly matriculated students. This fee, which must be paid on or before the date of the first test, covers the cost of the administration of a battery of psychological tests and interviews (see page 55).

TUITION

A single tuition fee covering the regular academic year of two semesters, for students carrying a normal schedule, is charged as follows:

Major areas of concentration in the sciences\$700.00

Major areas of concentration in business administration, and in liberal arts\$680.00

This comprehensive tuition fee covers all educational and standard expenses. With the exception of Room and Board (see page 58, books and supplies, and certain incidental and penalty fees, and deposits, as listed below, there are no additional fees for matriculation, registration, use of laboratories, libraries, and athletic facilities, dispensary services, participation in student activities (including activities related to ROTC), student publication, and the student attendance book for intercollegiate athletic contests and other extracurricular activities.

A normal schedule is defined as that standard schedule prescribed by the school or department, which shall be not less than 12 credit hours and generally not more than 18 credit hours per semester.

The tuition fee for part-time students in the day program (taking less than 12 credit hours per semester) and for full-time students taking more than the normal schedule is \$20.00 per semester, for each credit hour of part-time work and for each credit hour in excess of the normal schedule.

INCIDENTAL FEES

Graduation Fee. A graduation fee of \$35.00 is due and payable on or before the fifteenth (15th) day of May preceding the candidate's graduation. The College cannot be responsible for the inclusion in the graduation program of any candidate who pays fees after this date. The graduation fee covers the "Explorer" (College Annual), Founder's Day Exercises and Dinner, Baccalaureate Services, and the cost of the diploma, the use of cap and gown, and all other expenses incidental to the commencement exercises. No candidate may be recommended for a degree, diploma, or certificate until the graduation fee and all other financial obligations have been paid.

Transcript of Record Fee. A fee of \$1.00 is charged for each duplicate transcript of a college record. There is no fee for the first transcript.

PENALTY FEES

The penalty fees as outlined below are to defray the expenses involved and to discourage indifference toward regulations.

Late Registration Fee. Students are required to complete their course registration within the period set forth in the College Calendar. Late registration is permitted only in the most unusual circumstances and requires the permission of the Dean of the School and the payment of a fee of \$10.00.

Change of Roster Fee. Unless requested by the College, or a grade of F is recorded, a change of roster, after the second day of class, will be permitted only with the permission of the Dean of the School, and a payment of a fee of \$5.00.

Delayed Examination Fee. Students are expected to take their final examinations during the regular examination period. Final examinations taken beyond the regular examination period require the permission of the Dean of the School and the payment of a fee of \$2.00, for each examination.

DEPOSITS

ROTC Deposit. Students enrolled in the advanced course ROTC are required to make a deposit of \$50.00. This deposit is to indemnify the College for possible loss sustained in com-

mutation allowance from the United States Government where a student's interruption of course is caused for reasons other than that of "at the convenience of the Government." This deposit will be refunded to the student at the completion of the course; or in the case of "Termination at the convenience of the Government," when the student returns his uniforms and equipment to the Military Department.

Residence Halls Reservation and Damage Deposit. When making application for accommodations in the Residence Halls, the applicant is required to include with his application a Reservation Deposit of \$25.00. Upon occupancy, this deposit is credited to the Resident Student's Damage Deposit Account. In the case of voluntary non-occupancy, the Reservation Deposit is forfeited (see Resident Students, page 57).

OTHER EXPENSES

Books and Supplies. The average cost of books and supplies for the school year is about \$70.00. All books and supplies, personal needs, and many other items may be purchased at the Campus Store. The Campus Store makes no provision for the granting of credit. The student should be prepared to pay for such purchases.

Health Insurance. A Surgical-Medical Group Insurance Plan, covering the full twelve (12) month year, is provided at an annual cost of \$25.00. This insurance program is required of all foreign students and it is recommended to all students not covered by a similar surgical-medical plan. Complete information regarding the plan and the application therefore may be obtained by applying at the office of the Dean of Students.

FINANCIAL ARRANGEMENTS

One-half of the annual tuition fee is due and payable on or before the first day of each semester, and it must be paid within ten (10) days thereafter. No reduction is made in the case of late registration. Checks, drafts, and money orders should be made payable to the order of La Salle College and presented in person or mailed to the Office of the Bursar, Room C101, College Hall.

Financial Delinquency. Students delinquent in the payment of tuition or other fees, or against whom the College holds record of

indebtedness shall forfeit the privilege of attending class, and the College shall have the right to delay government benefits, if any, withhold semester report grades, transcript of records, and diploma of graduation until such indebtedness is paid. Students who have not settled their account by the close of the semester will not be permitted to register for the succeeding semester unless the account is settled.

LA SALLE COLLEGE BANK LOAN PLAN

Some students, or parents, may find it necessary to pay the tuition fee in regular monthly installments. To better serve its students and to enable qualified high school graduates pursue a college program of studies, La Salle College has established a plan through its banking facilities whereby the student or parent may pay the tuition fee on a selected schedule in fixed monthly installments.

The plan provides that the banking facilities of the College will make low-interest loans to the student or parent, covering the total annual tuition fee and/or room and board, and that the student or parent shall have the privilege of repaying the loan in equal monthly installments during the usual eight (8) month period of the regular academic year, or over a period of twelve (12) to eighteen (18) months, or that the total four (4) year college expense may be paid over a period of from forty-four (44) months to sixty (60) months, or from four (4) to five (5) calendar years.

The student or parent may enter the College Bank Loan Plan at any time during the student's college program. The maximum payoff periods for students entering the plan after the completion of the freshman year are: (a) beginning with the Sophomore Year, forty-eight (48) months; (b) beginning with the Junior Year, thirty-six (36) months; (c) beginning with the Senior Year, twenty-four (24) months.

Complete information regarding the College Bank Loan Plan may be obtained at the Business Office of the College, Room C212, College Hall. No other general plan for paying the tuition fee, or room and board, on a deferred basis will be available. Veterans attending under Public Law 550 are required to pay their tuition fee, or other obligations, under the same regulations as prescribed for non-veterans.

Students who have not paid their tuition fee, or room and board, on or before the first day of the semester, or within ten (10) days thereafter, shall be required to subscribe to the College Bank Loan Plan, or they shall be subject to the penalties prescribed under "Financial Delinquency."

Contractual Liability. At the time of registration, each semester, the student contracts for the full amount of the tuition fee regardless of the arrangement for payment. Students who elect to pay the semester's tuition fee through the College Bank Loan Plan and who withdraws from the College, or from a part of the program, are liable for the full semester's tuition fee, subject to the provisions of the "Refund or Remission of Tuition Policy." For Contractual Liability as it applies to the fee for Room and Board, see page 59.

Student Invoice. The Business Office issues and makes all adjustments on all student invoices. The student receives his invoice for the semester expense at the time of registration. The student is responsible for this invoice, and the non-receipt or the loss of the invoice does not excuse the student from the regulations regarding the time of payment. If the student loses his invoice, he may apply at the Business Office for a duplicate.

NATIONAL DEFENSE STUDENT LOAN PROGRAM

A limited sum has been provided by both La Salle College and the Government of the United States for the purpose of making loans to students under the provisions of the National Defense Student Loan Program.

Students seeking information regarding eligibility and application should address their inquiry to the Office of the Dean of Students, Room C104, College Hall, La Salle College, Philadelphia 41, Pennsylvania.

REFUND OR REMISSION OF TUITION

For reasons which the College shall consider valid and within the time limits set forth below, a student who withdraws before the end of the semester may receive a refund or a remission of part of the unpaid balance of his tuition fee.

A refund or remission of tuition fee is not automatic. An application must be filed in person or by mail on the form provided for

the purpose with the Bursar of the College. If the student is prevented by illness or any other reason from obtaining the prescribed form, he should address a letter of request to the Bursar of the College, Room C101, College Hall, La Salle College, Philadelphia 41, Pennsylvania. The letter must be accompanied by the evidence of involuntary withdrawal.

An application for refund or remission shall be considered if the following restrictions are satisfied:

1. The continued attendance by the student is made possible by conditions clearly beyond the control of the student. Reasons over which the student has a choice of decision will not be considered, including scholastic difficulties or lack of interest in the educational program, or required withdrawal because of disciplinary action by the College.
2. The date of withdrawal is within the refund or remission period as established by the College and as outlined below.

The refund or remission period is defined as the first eight (8) weeks of the semester for which the tuition fee is paid. No application will be considered when the date of withdrawal is after the final date of the refund or remission schedule. The refund or remission period for the Summer Term is defined under a separate schedule.

REFUND OR REMISSION SCHEDULE

<i>Time of withdrawal</i>	<i>Refund or Remission</i>
Before the first week	100%
During first week	90
During second week	80
During third week	70
During fourth week	60
During fifth week	50
During sixth week	40
During seventh week	30
During eighth week	20
After eighth week	None

Incidental and penalty fees are not subject to refund or remission. The rules governing refund or remission of Residence Hall Fees are outlined on page 59. The rules governing withdrawals are outlined on page 47.

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ADMINISTRATIVE PROCEDURES AND ACADEMIC STANDARDS

ADMISSIONS

Although La Salle College has expanded its facilities to provide a liberal and professional education for an increased number of students, it believes that its purpose can best be achieved if it maintains its character as a relatively small Catholic College. The policy of La Salle College is to admit to the Freshman class those applicants who, in the opinion of the Admissions Committee, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to the undergraduate life of the College Community.

To carry out this policy, students will be selected by the Admissions Committee who:

1. Show evidence of good character and acceptable moral and social habits, reveal an interest in important extra-curricular activities, are interested and ambitious for doing intellectual work and are well-motivated toward a college career.
2. Show evidence of academic achievement and ability, especially facility in the use of the English language, and in the fundamentals of mathematics.

Military service, other experiences, evidence of very strong intellectual interest and ambition, as well as other pertinent information, will be considered in the selection of each candidate.

In arriving at its conclusions concerning the applicant's qualifications, the Admissions Committee relies for this basic information upon the secondary school record, the College Entrance Examination Board test results, personal interviews, recommendations from the school, alumni and friends of the College and any other data the student may be able to supply.

Application

Application for admission to the College may be secured from the Office of Admissions. At the time that an application blank is secured, the applicant also receives a form on which his high school record and the school's appraisal of the applicant are to be submitted. The latter form is to be mailed to the College directly from the Office of the Principal.

Academic Requirements for Admissions**A. High School Units.**

Applicants for admission must present a minimum of sixteen units of high school work which should include the following:

English	4 units
Mathematics:	
Algebra & Plane Geometry or	
Two years of Algebra	2 units
History	1 unit
Natural Science	1 unit
Foreign Language	2 units
<hr/>	
	10 units

The remaining six units may be distributed as follows:

- (1) applicants for the *Liberal Arts* program may present six other units in academic subjects;
- (2) applicants for the *Science and Mathematics* program may present six other units in academic subjects but including an additional unit in algebra and one-half unit in trigonometry.
- (3) applicants for the *School of Business Administration* may present six academic or commercial units, excluding typing.

B. Language Requirements.

- (1) Applicants to the School of Arts and Science should present two units in the same foreign language. If an applicant cannot meet this requirement, he may be eligible for admission, but will be required to take two years of a foreign language.
- (2) Applicants to the School of Business Administration may be eligible for admission without presenting two years of language. In such a case, the successful applicant will be required to study language for two years.

C. Additional Requirements.

Applicants to the freshman class are required to take the following tests given by the College Entrance Examination Board:

- a. Morning Program—Scholastic Aptitude Test.
- b. Afternoon Program—
 1. English Composition.

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2. Foreign language (to be taken by those who wish to continue the study of that language in college).
3. Mathematics.
 - a. Intermediate Mathematics for applicants to a non-science major;
 - b. Advanced Mathematics for applicants to a science major.

The results of the morning tests are used to determine the applicant's qualifications for admission; results of the afternoon tests are used for placement in course programs.

Applicants for the fall term should take these tests in December, January, February, or March. The tests are also administered in May and August.

Applicants who will be required to live on Campus (p. 57) are advised to take the College Board-Scholastic Aptitude Test no later than February of their senior year.

Four to six weeks prior to the date of the tests the candidate for admission should write to

The Educational Testing Service
Box 592, Princeton, New Jersey
or Box 27896, Los Angeles 27, California.

Arrangements may also be made through the principal or guidance counselor of the applicant's high school.

Candidates for admission must request the Testing Service to forward test scores to the Office of Admissions, La Salle College, Philadelphia 41, Pennsylvania.

Early Acceptance Plan

The Committee on Admissions will consider a qualified applicant for an early acceptance one year before he will be graduated from a secondary school. The following credentials are required for this evaluation:

- a. A completed application to La Salle College;
- b. A transcript of his three-year high school scholastic and personality records;
- c. The results of the College Board-Scholastic Aptitude Test taken during his junior year or the following summer.

The successful early applicant must finish his senior year of high school with creditable grades, receive his diploma and take the required College Board Achievement Tests for placement in his chosen course programs.

ADMISSION WITH ADVANCED STANDING (Transfer Students)

Candidates for admission from colleges which offer courses of study similar to those of La Salle College should submit a transcript of high school work and college work as soon after applying for admission as is possible. Transfer students below Junior standing are also required to submit the results of College Entrance Examination Board Tests.

No credit is allowed for courses offered with the lowest passing grade given at the institution from which the applicant is transferring. All transfer students must pass the Freshman Composition Test, regardless of their standing. This test is administered during the second semester final examination period.

A transfer student may be required to make up certain courses which belong to the sequence required in the program of studies for which he is applying.

No student admitted to advanced standing will be permitted to graduate unless he has completed his senior year as a full-time student at La Salle College.

ADVANCED PLACEMENT

High School students who have completed work in Advanced Placement Programs of the College Entrance Examination Board may apply for both advanced placement and college credit at La Salle College. Credit is given to those students who score five or four on the Advanced Placement Examination.

REGISTRATION

Incoming Freshmen register for their programs of study during the Orientation Period which takes place during the first week before the opening of classes in September.

Registration for all other students takes place during the same week prior to the formal opening of classes in September, and at

the beginning of the second semester in January. Notice of such registration periods is given to all students.

Preregistration for students already in attendance takes place during the spring semester.

Instructions for registration are given at the time the student registers.

No student may register for more than eighteen semester credit hours without the permission of the Dean of the School.

Students who register late are subject to a late registration fee of ten dollars.

CLASSIFICATION OF STUDENTS

A full-time student carries a *minimum* of twelve semester hours although normal progress toward a degree requires an average of seventeen hours a week. A student's program will require more hours per week in some areas of instruction, as indicated later in this catalogue.

Part-time students carry a roster of less than twelve hours per week. Students in this category will require more than the normal four years in which to earn a degree.

Students who do not fulfill admission requirements may be admitted to the College to follow particular courses and are considered as special students. They do not register for a degree granting program. Credits earned by a special student may be counted towards a degree as soon as he has met all the requirements for admission and candidacy for a degree provided that the credits thus earned be applicable to his program of studies for the degree. A special student cannot hold a scholarship nor take part in extracurricular activities.

STUDENT REPORTS

A progress report is submitted to the Dean's Office by each instructor at the middle of each term. Final grades are submitted at the end of a semester and these are made part of a student's permanent record. A report of semester grades is mailed to the student's parent or guardian within two weeks after final examinations.

A report at the termination of the freshman year is sent to the principal of the high school from which the student was graduated.

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COURSE NUMBERING SYSTEM

Courses are numbered from 100 to 500. Ordinarily, courses numbered in the one and two hundreds are given on the Lower Division which comprises the first four semesters or first two academic years. Courses numbered in the three and four hundreds are ordinarily given on the Upper Division which includes the last four semesters or the last two academic years.

One and two hundred courses are generally referred to as Lower Division courses; three and four hundred courses are referred to as Upper Division courses.

Some courses are described as two-semester courses. These are designated by consecutive numbers on a single line, e.g., Accounting 101, 102. Both parts of these courses must be passed to receive credit for either, and a student must pass successfully the first part before being permitted to take the second.

SEMESTER CREDIT HOUR

A credit hour is a quantitative measure of academic achievement. A credit hour represents 15 hours of class activity in lecture courses or 30 or more hours in laboratory work. For example, a science course might meet twice a week for lecture and twice a week for two two-hour laboratory periods making a total of four credit hours for the course which continues for fifteen weeks or one semester.

STUDENT PROGRAM

The program of studies, prescribed by the student's adviser and approved by the Dean of the School in which the student is enrolled, is his official roster of courses.

It is the student's responsibility to see that all the requirements of his program are fulfilled. He should have in writing from the Dean any exceptions to the prescribed program which may be granted him.

WITHDRAWALS

A student who withdraws from the College must submit a Withdrawal Notice to the Dean of his School. In the event that a student withdraws without submitting an official Withdrawal Notice,

honorable dismissal is not granted and he forfeits the privilege of returning to the College. The date of filing the Withdrawal Notice is considered as the date of withdrawal in all cases.

CHANGE OF PROGRAM

A student may be permitted to change from one Lower Division program to another, or from one area of instruction to another, only when his previous record indicates that he may profit by such a change. In any change of this type the student must have the written permission of his future course adviser and the Dean of his School. This change may entail taking approved summer courses or an additional semester in college. In no case, may a student who transfers receive promotion or a degree sooner than he would have received it, had he not transferred. No degree may be received less than one year after change of curriculum.

TRANSCRIPTS

Students may apply at the Registrar's Office for a transcript of their collegiate work. There is a fee of one dollar for every copy of a transcript requested after the first.

CREDIT FOR OFF-CAMPUS COURSES

Course work taken at other institutions by regularly enrolled students at La Salle College may not be offered for credit unless the student has had written permission in advance from the Dean of his School to take such courses.

ATTENDANCE POLICY

Students are expected to attend classes regularly. An allowable number of absences is permitted to provide for conditions beyond the control of the student. Cumulative absences of more than two weeks or consecutive absences of more than one week in any course are regarded as excessive. The instructor of the course will deal with such cases in accordance with the circumstances which necessitated the absence and will give proper notice to the Dean's Office. A student, who is absent to excess without good reason, is given a grade of "F." Attendance is noted from the first regular class meeting regardless of the time of registration.

EXAMINATIONS

The last week of each semester is set apart for final examinations. Examinations to measure student progress are given at mid-term. Final examinations are written. Students who, for satisfactory reasons, fail to take a semester examination at the scheduled time may take a delayed examination. A delayed examination permit must be secured in the Dean's Office.

MAKE-UP EXAMINATIONS

Make-up examinations are given when an "I" grade has been received. The "I" grade is a provisional semestral grade given by an instructor to a student who has otherwise maintained throughout the semester a passing grade in course, but who has failed to take the semester examination in the course for reasons beyond his control, or has failed to complete prescribed course work. This I grade must be removed within three weeks of the end of the semester in which it is assigned. For the 1959-1960 academic year this deadline is February 12th and June 24th, for the first and second semester, respectively. In cases where it is physically impossible for this grade to be removed within this time limit, the time may be extended only by the written permission of the Dean of the School. An "I" grade not removed within the prescribed time automatically becomes an "F."

GRADES

The following system of grades is used in measuring the quality of student achievement in courses:

A	Superior	(93-100)
B	Very Good	(84-92)
C	Average	(77-83)
D	Passable	(70-76)
F	Failure	(below 70)
I	Incomplete	
W	Withdrawal	

In the determination of final grades for courses, recitations, written assignments and the results of the final examination are considered.

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The Incomplete grade (I) is assigned to a student who has not fulfilled all the requirements of a course. An incomplete grade becomes a failure if it is not removed within the three weeks following the term in which it was given, unless for serious reason the Dean has permitted a longer delay in final examination.

The withdrawal grade "W" is assigned when a student withdraws from a course with the Dean's permission before its completion. Ordinarily permission for withdrawal is not granted after the period of the mid-term examinations.

SCHOLARSHIP INDEX

A scholarship index system is used at La Salle to determine a student's average grade. In determining the index, each letter grade is ascribed a numerical value, called grade points. "A" is valued at 4 grade points; "B" is valued at 3 grade points; "C" is valued at 2 grade points; "D" is valued at 1 grade point; "F" is valued at zero grade points.

A grade point score is calculated for each course by multiplying the numerical equivalent of the letter grade by the number of semester hours. The index, or the average grade of all courses, is found by dividing the sum of the grade point scores for all courses by the total number of semester hours of course work attempted.

ACADEMIC STANDING

First-year students are required to earn a minimum average of 1.50 to be in good academic standing; second-year men, 1.75; third-year men, 1.90. Averages are computed at the completion of each semester.

DEAN'S HONOR LIST

The Dean's Honor List is published at the termination of each semester.

Those students who have a cumulative average of 3.4 are placed on the Dean's List. To be eligible for this list, a student must have complied with all the regulations of the College and must be free of all academic censure. Freshmen are not eligible for inclusion on this list.

Students on the Dean's list are excused from the regulations governing attendance at class. However, they are expected to fulfill the requirements of every course rostered, whatever be the nature of the requirements.

ACADEMIC CENSURE

Academic censure may assume any one of four forms, depending on the gravity of the situation calling for scholastic discipline. An evaluation of student records is made at the end of each semester.

(a) *Warning.* An official warning is given to a student who has received "Failure" grades in one-third of the semester hours which comprised his official roster for the semester last completed.

(b) *Probation.* A student is placed on probation when: (1) he has attained a cumulative scholarship index of (a) less than 1.50 after the first or second term of his freshman year, (b) less than 1.75 after the first or second term of his sophomore year, (c) less than 1.90 after the first or second term of his junior year; or (2) he has received "Failure" grades in more than one-third of the semester hours which comprised his official roster for the semester last completed. Such a student will be continued on probation until he has satisfied the conditions for good standing. A student on probation automatically forfeits the privilege of cuts, participation in extracurricular activities and eligibility for class office.

(c) *Suspension.* This is forced withdrawal from courses and residence with the privilege of returning at the discretion of the Dean of his School.

(d) *Dismissal.* This is forced withdrawal from courses and residence without the privilege of seeking readmission.

A student is liable to dismissal: (1) when he has attained a cumulative scholarship index of (a) less than 1.00 during his freshman year, (b) less than 1.50 during his sophomore year, (c) less than 1.75 during his junior year; (2) if he has received "Failure" grades in one-half of the credit hours of his official roster for that year; (3) if he has been on probation for two successive semesters; or (4) whenever, in the opinion of the Dean of his School, a student shows by poor scholarship that he is no longer profiting by the educational program of the College.

REQUIREMENTS FOR A DEGREE

The candidate for a degree must have completed course work equivalent to a minimum of 132 semester hours. Certain curricula may require a number of hours exceeding this minimum.

He must have obtained a "C" average or cumulative index of 2.00 in his prescribed program of studies.

He must have fulfilled all course requirements prescribed for him by the chairmen of the department in which he majored and approved by the Dean of the School in which he is enrolled. Normally, these course requirements are listed in the Catalogue under the description of Upper Division curricula for each of the majors offered in the College.

He must have fulfilled the requirements in Philosophy and Religion.

Eight semesters as a full-time student are required for a degree. The final two semesters must be spent at La Salle in a full-time program.

HONORS

The bachelor's degree with honors is conferred on a student who has completed his course at the College with an average of all marks not lower than 3.4 and who has not incurred the penalty of loss of good standing for disciplinary reasons.

The candidate for the bachelor's degree who has earned an average of 3.8 in all courses is graduated with the designation *Maxima Cum Laude*.

The candidate who has earned an average of 3.6 is graduated with the distinction *Magna Cum Laude*.

The candidate who has earned an average of 3.4 is graduated with the distinction *Cum Laude*.

Honors are computed on the basis of the work done for eight semesters.

STUDENT PERSONNEL SERVICES

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OBJECTIVES OF THE STUDENT PERSONNEL PROGRAM

La Salle College, in keeping with the aims and objectives of Christian Education, recognizes that the completeness of higher education demands that the student be provided with the opportunity to develop himself spiritually, morally, intellectually, emotionally, and socially; that he be provided with an opportunity to learn to use his leisure time properly; that he be provided with recreational opportunities. Therefore, the Student Personnel Program at La Salle College offers the following:

1. A special service by trained counselors to assist him in thinking through the various problems which beset a college student.
2. A program of orientation which meets the needs and special interests of the first-year college man.
3. A health program and a program of athletic activities.
4. An activities program which stems from student interest.
5. Housing and food services which provide for student comfort and education in group living.
6. Opportunities for part-time employment and financial aid to worthy and needy students.
7. A service to help the student find needed part-time employment during college and suitable employment after leaving the campus.
8. A program of further social, educational and professional development for the alumni.
9. A program of religious activities and religious counseling.

FRESHMAN ORIENTATION

Freshmen are required to report one week before the opening of classes in September. During this time, registration is carried out; the greater emphasis, however, is on College Orientation. The Orientation Program is a project of the Student Council under the direction of the Dean of Freshmen. Its purpose is to facilitate the transition from high school to college. Lectures are given on such topics as study habits, note-taking, the aims, ideals and traditions of La Salle College and such other facets of collegiate life as are of importance to the beginning student.

THE COLLEGE ADVISORY SYSTEM

Freshman Counselors

Early in the Freshman year, faculty counselors are assigned to help the new student make a successful transition to college life at the start of his college career. They are ready to assist with the many demands made upon the new student during the first months in college. This counseling service is preliminary to the academic guidance which is given by the Course Advisers.

Course Advisers

Members of the faculty serve as advisers giving the guidance which is necessary to enable students to derive the utmost benefit from their programs of study. Close contact with course advisers will enable the new student to familiarize himself with the new procedures and new attitudes expected of college men. Advisers consult with students in the selection of programs of study and courses within such programs. Course advisers work under the direct supervision of the Dean's Office.

COUNSELING CENTER SERVICES

The College maintains a Counseling Center which is staffed by professionally trained personnel. The counselors are available throughout the calendar year to assist the student in matters pertaining to vocational decisions, educational planning, and personal adjustment.

A single fee for counseling services is charged to each student when he first enrolls in the College. An additional charge is made should the student elect to take the reading improvement course.

The several services of the Counseling Center are as follows:

Pre-College Counseling

All newly matriculated students are required to take a battery of psychological tests and to have an interview with a counselor to discuss the test results and the student's career plans. After this initial contact the counseling service is available to the student on a voluntary basis throughout his college career.

Vocational Counseling

Students who request assistance in planning for their vocational careers are provided with the opportunity of exploring more fully their own interests and aptitudes. The primary purpose in such counseling is to assist the student in making a sound vocational choice and to plan his educational program to develop his competence accordingly.

Personal Counseling

Personal counseling is available to those individuals who desire a better understanding of their own personalities so that they may be able to utilize more effectively their resources and potentialities.

Reading Improvement

Diagnostic services and corrective courses in reading are offered throughout the calendar year as a means of assisting students to become more proficient in the basic language skills and study approaches underlying effective learning. Improvement programs are conducted in small groups at the pre-college, college, and pre-professional levels with opportunities provided for individual attention as appropriate. Inquiries from students concerning this service are most welcome.

Graduate Fellowships and Scholarships

The Center maintains an extensive index and file of graduate awards sponsored by private foundations, universities and the Federal Government. The staff assists the student by advising him on various graduate programs, academic standards, procedures to be followed in making applications, and the character of the various awards.

Occupational Information

The Center maintains an extensive file of occupational information which is available to the student body.

Selective Service

The Counseling Center provides the student with information on the latest developments governing Selective Service regulations. This service is entirely advisory. The actual responsibility for providing the Selective Service Boards with required information rests with the student.

RESIDENT STUDENTS

Students who live beyond commuting distance and who are unable to live at home or reside with relatives close to the campus are required to live in the College residence halls. Exceptions to this rule will be allowed only with special permission from the Dean of Students and with the consent of parent or guardian.

Application for room accommodations should be made at the time the student confirms his acceptance by the College.

A deposit of \$25.00 must be paid by each student when the application for room accommodations is made. This deposit will be refunded at the end of the college course, less any charges for damage to room or furnishings. In the case of voluntary non-occupancy, the student's "Application for Room Accommodation Deposit" is forfeited.

The College supplies all necessary items of furniture. Resident students are not permitted to add to the furnishings. Each living area is provided with a bed, four-drawer chest and mirror, a student desk, desk lamp, desk chair, an easy chair, floor lamp, waste basket, and wardrobe. The College supplies all bed linens, including the spread. The student is required to supply blankets and personal linens. He is to provide, also, personal laundry service, dry cleaning and pressing.

All students residing in the residence halls are required to sign a "Contract of Lease." Except in the case of mid-year completion, contracts are written to include both the Fall and Spring terms.

Resident students are held responsible for any loss or damage to the residence hall equipment, rooms they occupy, other parts of the building, when the incurred loss or damage is due to their negligence or improper use. Such damage or loss will be deducted from the student's damage deposit.

Occupancy may begin the day before the first day of registration and it may continue until twenty-four hours after the last final examination for the Spring term; or, in the case of seniors, until twenty-four hours after commencement.

Meals for Residents

Dining hall services and procedures have been set up for the benefit of the resident student community. High quality, good por-

tions, and variety of selection are dependent upon total participation. Therefore, daily meals or week-end meals not taken are forfeited. There is no exception to this procedure and no adjustment in fees may be expected for non-participation. Special diets, because of illness or other conditions, may be arranged through the manager of the Dining Hall.

The Dining Hall is not open during the Thanksgiving Recess, Christmas Recess, between-terms recess, or the Easter Recess. If a student remains on campus during any part of the excluded periods, he will be required to purchase his meals off campus.

Telephone Calls

Each floor in the residence halls has its own public phone. Residents may be contacted directly. Calls to residents should not come through the College switchboard.

Automobiles

Resident students may have a car on the campus provided they have the permission of parents. Cars must be registered with the Hall Director. Parking space is available adjacent to the residence halls.

RESIDENCE HALL EXPENSES

The present charge for room and board and other related services is as follows:

Fall term	\$375.00
Spring term	375.00
<hr/>	
	\$750.00

One-half of the charge is payable at the beginning of each term. Some students or parents may find it convenient to pay the residence hall fee in regular installments during the college year. This may be arranged through the Business Office. Ordinarily, it is expected that payments be made as follows: first installment of one hundred dollars upon occupancy; the second and third installments of one hundred dollars within forty-five and ninety days respectively thereafter; and the balance of seventy-five dollars

on or before the tenth day of January, or the fifteenth day of May as the case may be.

Students may not contract for less than a school term. If, for good and sufficient reason, a student is obliged to leave the College, the unused portion of his residence hall dining book will be refunded at the current daily rate as established by the Business Office. No refund will be made on that portion of the fee applicable to room occupancy.

THE HEALTH PROGRAM

The principal component of the Health Service is the Infirmary and Dispensary under the direction of the College physician. A registered nurse is in attendance. The Infirmary is located in St. Cassian Hall. The hours for treatment and consultation are from 9:00 A.M. to 3:00 P.M. The Infirmary provides temporary hospitalization for minor illness; removal to a local hospital in the case of serious or prolonged illness is arranged by the College Physician.

All resident students are required to submit to a physical examination by the College Physician.

Medical insurance for students in attendance may be secured through the Office of the Dean of Students or the Infirmary.

THE PLACEMENT BUREAU

The Placement Bureau offers three main services: (1) aiding students in finding part-time employment while attending school; (2) assisting seniors and alumni in obtaining career opportunities and (3) providing industry and government representatives an opportunity to visit our campus and contact graduating seniors.

La Salle students are encouraged to view their association with the Placement Bureau as part of their overall educational process in that the individual is exposed to the entire strategy of job preparation, interviewing, and acquiring career employment.

The Placement Bureau exists to help a student obtain suitable employment but cannot guarantee employment. The final responsibility for employment must rest with the student.

All services of the Placement Bureau are rendered without cost to students and alumni of La Salle College.

SCHOLARSHIPS

Scholarships awarded by the College are of two kinds—those offered in competition and those granted to specified Catholic high schools. Scholarships are valued at \$2400, a sum which is applied in payment of tuition for eight terms. Fees and other expenses are not included in the scholarship grants.

Four competitive scholarships, open to Catholic men who are high school seniors or graduates, are offered annually. Application forms for the competitive scholarships may be obtained from the Admissions Office of the College or from the applicant's high school principal. The completed form must be received by La Salle College not later than February 1st. The applicant must arrange to take the tests of the College Entrance Examination Board in Scholastic Aptitude. Arrangements for the tests must be made directly with the College Entrance Examination Board, Princeton, New Jersey. Applicants must request the Board to send results to the Admissions Office, La Salle College, Philadelphia 41, Pennsylvania. These competitive scholarships are:

- I The Henry T. Coleman Scholarship founded by the late Henry T. Coleman, Esq. in 1903.
- II The William F. Harrity Scholarship founded by the late Honorable William F. Harrity in 1913.
- III The Patrick Curran Scholarship founded in 1914 by Reverend Edward J. Curran, A.M., LL.D., in memory of his father.
- IV The Alumni Memorial Scholarship, founded by the College in 1947 to honor La Salle men who gave their lives in World War II.

Principals of the following schools may nominate one of their graduates for a full-tuition scholarship, provided he is among the first quintile graduates of his school, and provided his College Board scores total over 1200 in the verbal and mathematics tests.

Archbishop O'Connell High School, Arlington, Va.	Camden Catholic High School Camden, New Jersey
Bishop Neuman High School Philadelphia, Pennsylvania	Cardinal Dougherty High School Philadelphia, Pennsylvania
Calvert Hall College Baltimore, Maryland	Central Catholic High School Allentown, Pennsylvania

Central Catholic High School Pittsburgh, Pennsylvania	Roman Catholic High School Philadelphia, Pennsylvania
Central Catholic High School Reading, Pennsylvania	St. James High School Chester, Pennsylvania
Father Judge High School Philadelphia, Pennsylvania	St. John's College High School Washington, D. C.
Holy Spirit High School Atlantic City, New Jersey	St. Thomas More High School Philadelphia, Pennsylvania
La Salle High School Cumberland, Maryland	Salesianum High School Wilmington, Delaware
La Salle College High School Philadelphia, Pennsylvania	South Hills Catholic High School Pittsburgh, Pennsylvania
Monsignor McGinley Scholarship (Holy Child Church)	West Catholic High School Philadelphia, Pennsylvania
Northeast Catholic High School Philadelphia, Pennsylvania	

The Corporal William S. Diamond II Scholarship which covers full tuition during the sophomore year is awarded annually on the basis of scholastic standing and financial need to a student who has completed his freshman year at La Salle College and is enrolled in a four-year curriculum.

"Food Fair Stores Scholarships." The Food Fair Foundation grants annually six scholarships, each valued at five hundred dollars per year for four years, to employees, sons of employees, or sons of deceased employees. Applications are made directly to the College. Awards are made on the basis of civic interest, leadership and scholarship.

INTERCOLLEGIATE AND INTRAMURAL ATHLETICS

The athletic program at La Salle College is arranged to allow students to compete in various sports at levels depending on their degree of ability and skill. The program offers opportunities to all students to compete in intercollegiate and/or intramural athletics of their choice.

The objectives of this program are as follows: to aid in the development of the health and physical welfare of the students; to provide students with recreational opportunities; to develop

in the students a sense of belonging to the college campus community; to make available the various social and personal benefits attendant upon meeting with students from other colleges and from visiting the campuses of other institutions; and to help foster high ideals of friendship and loyalty among the students and between the students and the College.

The intramural program is developed to meet the needs of the student body to the extent permitted by presently available facilities. Intramural leagues in seasonal sports—touch football, basketball, tennis, baseball, softball, volleyball, swimming—make provision for full participation by the student body.

The program of intercollegiate competitive sports includes basketball, swimming, soccer, golf, baseball, tennis, track and crew. All students are eligible to compete for varsity positions in these sports. Candidates are called at the beginning of the season in these respective sports.

STUDENT ORGANIZATIONS AND ACTIVITIES

The successful adjustment of the student to collegiate life is effected considerably by campus clubs, "student-initiated" activities, and campus situations which provide opportunities for social and intellectual expression. In this way, many valuable co-curricular and extracurricular relationships are fostered.

Faculty advisers are appointed for every extracurricular activity. They serve as a liaison between the student organization and the college administration.

A listing of student organizations follows. Details of each club, officers and program of activities are contained in a separate publication available from the office of the Dean of Students.

Accounting Association
Honor Society of Alpha Epsilon
Alpha Epsilon Delta, Lambda Chapter
Alpha Phi Omega
The Benilde Club
Caisson Club
Chymian Society
Circolo La Salliano
Economics Club
Education Society

El Club Hispano
Fabrician Society
Gavel Society
Glee Club
History Club
Industrial Relations Club
International Relations Club
Interracial Council
Kappa Mu Epsilon
Lambda Iota Tau
Le Cercle Claudel
Marketing Association
The Masque
National Federation of Catholic College Students
Newtonian Society
Philosophy Club
Pi Delta Phi
Polish Club
Podium Society
Praefectus Club
Psychology Club
Residence Hall Council
Sigma Beta Kappa—Gamma Chapter
Society for the The Advancement of Management
Sociology Club
Varsity Club
The Herbert S. Weber Society

STUDENT GOVERNMENT

The Student Council acts as the official representative of the student body with the purpose of making the views of the students articulate and to promote the best interests of the student body in its relations with the college administration and faculty, other educational institutions and associations, the public in general, and any other groups coming in contact with students.

The Council carries on its activities under the authority of a constitution approved by the student body and sanctioned by the faculty. Membership to the Council is determined by student vote.

STUDENT PUBLICATIONS

La Salle Collegian

This is a weekly student newspaper. It serves both as a workshop for students who are interested in journalism and as a vehicle for disseminating views and news of interest to the student body.

The Explorer

This is the annual published by the members of the graduating class. It is a voluntary activity initiated by the students and is supported in the main by individual subscriptions. It serves as a record of college life and activities.

Four Quarters

While this publication is not entirely a student activity, it does serve as an outlet for the literary expression of students. It is published quarterly and it aims to promote the literary endeavor of students, faculty, alumni and selected outside contributors.

THE CAMPUS STORE

Many student needs can be filled at the Campus Store. All items needed by resident students can be purchased there. The Campus Store carries a complete line of accessories of interest to college students such as athletic supplies and equipment, stationery, collegiate jewelry, etc.

RELIGIOUS ACTIVITIES

The religious activities of La Salle College seek to unite the academic, cultural, social and athletic parts of campus life into the God-centered whole which is the ideal and peculiar mark of a Catholic college. This ideal is pursued by providing opportunities for personal and private worship and by encouraging corporate worship and religious activity.

A well-appointed College Chapel is available both for private visits to the Blessed Sacrament and for college devotions.

The College provides a resident chaplain who is present for confessions and counsel at all times.

Daily Mass is said for the students at 7:25, 7:55 and 12:25. Confessions are heard daily during Mass and also from 12:00 to 12:25.

Weekly Sunday Mass and confessions are provided for resident students.

Devotions to Our Lady of the Miraculous Medal are held weekly during the evening hours for resident students and students in the evening division.

First Friday devotions consisting of Masses, Four Hours Exposition, and Benediction honor the Sacred Heart each month.

During May and October, special services in honor of the Blessed Virgin are held in the evening in the Chapel and at the Lourdes Grotto on the campus.

All Catholic students are required to make one retreat each year. They may fulfill this requirement by a week-end retreat at St. Joseph's-in-the-Hills Retreat House in Malvern, Pa., or at St. Pius X Retreat House in Blackwood, near Camden, New Jersey, or by making the three-day retreat held on campus each year during the first three days of Holy Week. A Day of Recollection is held for married students and their wives in the spring.

During the year certain feasts are celebrated by special Masses or devotions. A Solemn Mass of the Holy Ghost begins each Academic Year, and an Evening Mass of the Holy Ghost begins the year in the Evening Division. A special Mass is celebrated on the feast of Saint Barbara, December 4th, the Patron Saint of Artillerymen, which all members of the R.O.T.C. unit of the College attend in uniform. A Solemn Mass in honor of Saint John Baptist de La Salle, the patron saint of the College, is sung each year as part of the Founder's Day exercises.

A Requiem Mass is said in the College Chapel after the death of any member of the immediate family of a student or a faculty member.

THE ALUMNI ASSOCIATION

The Alumni Association seeks to promote the welfare of La Salle College and to encourage good fellowship among its members. To achieve these ends, the Association works principally through the College Alumni Office, some thirty class organizations, geographical and professional units and the "La Salle" quarterly magazine which is mailed to all of the alumni.

The Alumni Association is controlled and directed by the alumni in cooperation with the college administration. The gov-

erning board is called the Alumni Board of Directors, consisting of representatives from each graduating class, the Dean of Students of the College who serves as Alumni Moderator and an Executive Director of Alumni Affairs appointed by the College.

Alumni are encouraged to take an active part in attracting worthy and talented students to apply for admission; to take an intelligent interest in the academic affairs of the College; to support the College financially to the best of their ability; and to foster the growth of the College. These latter purposes are served through the Alumni Annual Giving Program. The facilities of the Alumni Office and the Placement Office are available to all students and alumni.

THE SCHOOL OF ARTS AND SCIENCES

- I. Major areas of concentration in the Liberal Arts which offer the degree of bachelor of arts:**

Classical Languages	Modern Languages
Economics	Philosophy
English	Preparation for Law
Government	Preparation for Teaching
History	Preparation for Social Work
Sociology	

- II. Major areas of concentration in the Sciences which offer the degree of bachelor of arts:**

Biology	Physics
Chemistry	Psychology
Mathematics	Preparation for Medicine
Preparation for Dentistry	

THE SCHOOL OF ARTS AND SCIENCES

This School offers two general programs of study, both of which embody most fully the traditional liberal disciplines of the College: the Liberal Arts program which emphasizes the general disciplines; and the Science program, which, in addition to the core of liberal subjects, offers a concentration in the sciences. Both programs lead to the degree—Bachelor of Arts.

OBJECTIVES

In providing a liberal education for the student, the School of Arts and Sciences makes available to him the opportunity to develop his faculties most fully; to develop the ability to write correct and effective English; to develop the ability to read with facility and to appreciate our cultural, literary and scientific heritage, whether in the classical languages, in French, German, Italian, Polish, Russian or Spanish; to acquire a basic knowledge of the forms of English and American literature, of the natural and social sciences, of history, philosophy and religion.

The program of studies is organized to permit the student to familiarize himself with the various liberal disciplines during the first four terms of the college program. The first four terms comprise the Lower Division studies. The courses followed on the Lower Division provide the foundation for a general education. The student follows a program which covers Religion, Philosophy, Effective Writing, Literature, Science and Mathematics, Language, Economics, Sociology, Government and United States History. This program serves as a foundation for a program of concentration.

The final four terms of the college program comprise the Upper Division level of courses. It is on this level that the student elects an area of concentration so that he might develop himself more fully in the field of his choice and interest. This concentration contributes to his intellectual self-enrichment and prepares him for further study in graduate or professional school, or for a profession requiring a background in the liberal or scientific disciplines.

ORGANIZATION OF PROGRAMS OF STUDIES LOWER DIVISION

The School of Arts and Sciences offers two major programs on the Lower Division: a general or liberal arts program and a program in science and mathematics.

I. The General or Liberal Arts Program

Students desiring to pursue a program in the liberal arts are required to complete the courses listed below during the four terms of the first two years.

FIRST YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 110 ¹	2	Religion 111	2
English 101	3	English 102	3
History 113	3	History 114	3
Economics 111	3	Economics 112	3
Foreign Language	3	Foreign Language	3
Biology 117 ² or		Biology 118 or	
Mathematics 101	3	Mathematics 102	3
Military Science 101	1	Military Science 102	1
Freshman Orientation	1	English 103	1
	19		19

SECOND YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 215	2	Religion 216	2
English 205	3	English 206	3
Philosophy 202	3	Philosophy 203	3
Government 101	3	Government 103	3
Sociology 101	3	Sociology 103	3
Elective ³	3	Elective	3
Military Science 201	1	Military Science 202	1
	18		18

¹ Non-Catholic students, see Religion and Philosophy Requirements for Non-Catholics, p. 71. Catholic students with a weak foundation in religious studies follow Religion 100-101 in their first year, Religion 110-111 in their second year, and Religion 215-216 in their third year.

² Students following a non-science liberal arts program may elect either Mathematics 101-102 or Biology 117-118 to fulfill the science requirements of the Freshman year. Students who have not had Trigonometry in high school are recommended to take Biology. Students who plan to major in Economics are recommended to take Mathematics as the freshman science elective to prepare themselves for work in Statistics.

³ The elective is usually chosen from the Area in which the student plans to concentrate.

II. The Science and Mathematics Programs

Students desiring to pursue the specialized curricula of the Science and Mathematics Programs must complete the courses listed below during the four terms of the first two years:

FIRST YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 110 ¹	2	Religion 111	2
English 101	3	English 102	3
Biology 102 ² or		Biology 103 or	
Chemistry 111	4	Chemistry 112	4
Mathematics 103	4	Mathematics 104 ⁴	4
Foreign Language ³	3	Foreign Language	3
Military Science 101	1	Military Science 102	1
Freshman Orientation	1	English 103	1
<hr/>		<hr/>	
	18		18

¹ Non-Catholic students, see Religion and Philosophy Requirements for Non-Catholic students, p. 71. Catholic students with a weak foundation in religious studies follow Religion 100-101 in their first year, Religion 110-111 in their second year, and Religion 215-216 in their third year.

² Biology and Psychology majors take Biology 102-103; Chemistry, Mathematics and Physics majors take Chemistry 111-112.

³ Chemistry and Physics majors take German as their foreign language. It is recommended for Biology majors. Mathematics majors may take French or Russian.

⁴ Students qualifying for the Advanced Section of Mathematical Analysis follow Mathematics 106.

SECOND YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 215	2	Religion 216	2
Philosophy 202	3	Philosophy 203	3
Chemistry 301 ¹	4	Chemistry 302	4
Physics 201 or 211 ²	4	Physics 202 or 212	4
Mathematics 206 ³	4	Mathematics 207	4
Foreign Language	3	Foreign Language	3
Military Science 201	1	Military Science 202	1
<hr/>		<hr/>	
17-21		17-21	

¹ For Chemistry majors only.

² Biology and Psychology majors take Physics 201-202; Chemistry, Mathematics and Physics majors take Physics 211-212.

³ Biology students substitute Chemistry 101-102 for Mathematics 206-207. Psychology students may substitute Psychology 207-208, or may take Psychology 207-208 in addition to Mathematics 206-207, upon the advice of the chairman of the department. Those who have taken Mathematics 106 follow Mathematics 216-217 in their sophomore year.

Foreign Language Placement

Students who make less than a qualifying grade in the language placement test or who present less than two units of modern foreign language from high school are required to take elementary language during the freshman year and intermediate language during the sophomore year. Students who plan to go to graduate school after completing their course at La Salle are urged to take French or German as their foreign language because of the importance of these languages in graduate study.

Speech

All freshmen are required to take a course in Public Speaking, English 103. It is a one-credit course and may be rostered in either semester of the first year.

Religion and Philosophy Requirements for Non-Catholic Students

Non-Catholic students follow the courses listed below in place of the Religion courses prescribed for all Catholic students:

First Year: Philosophy 101-102

Second Year: Philosophy 200-201

Third Year: Religion 108-109

These courses are in addition to the 18 semester hours of philosophy prescribed for all students of the College in sophomore, junior and senior year.

LOWER DIVISION REQUIREMENTS

To qualify for admission to the Upper Division, the student must complete the work of the lower division with a minimum of sixty-eight semester credit hours and a scholastic index of 1.75. Furthermore, he must make grades of "C" or better in those courses which are prerequisites for the advanced work in his chosen field of concentration. Under certain circumstances a student may be permitted to change from one lower division program to another when his record indicates that he may profit by such a change. Permission must be obtained from the Dean.

UPPER DIVISION

The following majors or areas of concentration are offered on the Upper Division. The student is expected to have chosen electives on the Lower Division which meet the requirements of the area of concentration which he elects. The courses on the Upper Division listed in the programs of study that follow are prescribed by the departments as required. The courses in religion and philosophy are required in all areas of concentration.

Students are to follow the curricula prescribed herein. This is the responsibility of the student. Course programs may not be altered in individual cases without the written permission of the course adviser and the approval of the Dean of the School in which the student is enrolled.

I. The General or Liberal Arts Program**CLASSICAL LANGUAGES****LATIN-GREEK****THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Latin 309 or 415	3	Latin 310 or 416	3
Greek 101 or 304	4 or 3	Greek 102 or 407	4 or 3
Economics 111	3	Economics 112	3
Elective	3	Elective	3
	—		—
	18 or 17		18 or 17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Latin 312 or 420	3	Latin 314 or 413	3
Greek 204 or 305	3	Greek 408	3
Greek 421	3	Latin 421	3
Elective	3	Elective	3
	—		—
	17		17

ECONOMICS**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Accounting 101	3	Accounting 102	3
Economics 415	3	Economics 416	3
Economics 322	4	Economics 317	4
Elective	3	Elective	3
	—		—
	18		18

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Economics 418	2	Economics 419	2
Economics 420	3	Economics 421	3
Economics 201	3	Economics 202	3
Economics 313	4	Economics 312	4
Elective	3	Elective	3
	—		—
	20		20

ENGLISH**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
English 312 or 318	3	English 307 or 328	3
English 313	3	English 314	3
History 317	3	History 420	3
Elective	3	Elective	3
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
English 312 or 318	3	English 307 or 329	3
English 413	3	English 414	3
Electives	6	Electives	6
	—		—
	17		17

GOVERNMENT**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
History 315	3	History 316	3
Government 301 or 417	3	Government 302 or 418	3
Government 401	3	Government 402	3
Elective	3	Elective	3
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Government 415	3	Government 416	3
History 419	3	History 420	3
Government 405 or 407	3	Government 409 or 410	3
Elective	3	Elective	3
	—		—
	17		17

HISTORY**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
History 309	3	History 310	3
History 313	3	History 314	3
History 419	3	History 420	3
Elective	3	Elective	3
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
History 311	3	History 312	3
History 315	3	History 316	3
History 417	3	History 418	3
History 431	3	History 432	3
	—		—
	17		17

MODERN LANGUAGES**FRENCH****THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
French 308	3	French 309	3
French 413	3	French 420	3
Classics 301	2	Classics 302	2
Elective	3	Elective	3
	—		—
	16		16

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
French 305	3	French 304	3
French 402	3	French 405	3
French 414	3	French 421	3
Elective	3	Elective	3
	—		—
	17		17

GERMAN**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
German 308	3	German 309	3
German 413	3	German 420	3
Classics 301	2	Classics 302	2
Elective	3	Elective	3
	—		—
	16		16

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
German 305	3	German 304	3
German 402	3	German 405	3
German 414	3	German 421	3
Elective	3	Elective	3
	—		—
	17		17

ITALIAN**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Italian 308	3	Italian 309	3
Italian 413	3	Italian 420	3
Classics 301	2	Classics 302	2
Elective	3	Elective	3
	—		—
	16		16

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Italian 305	3	Italian 304	3
Italian 402	3	Italian 405	3
Italian 414	3	Italian 421	3
Elective	3	Elective	3
	—		—
	17		17

SPANISH**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Spanish 308	3	Spanish 309	3
Spanish 413	3	Spanish 420	3
Classics 301	2	Classics 302	2
Elective	3	Elective	3
	—		—
	16		16

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Spanish 306	3	Spanish 305	3
Spanish 402	3	Spanish 405	3
Spanish 414	3	Spanish 421	3
Elective	3	Elective	3
	—		—
	17		17

PHILOSOPHY**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Philosophy 311	3	Philosophy 312	3
Psychology 302	3	Psychology 324	3
History 309	3	History 310	3
Elective	3	Elective	3
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Philosophy 413	3	Philosophy 414	3
Philosophy 420	3	Philosophy 421	3
History 311	3	History 312	3
Elective	3	Elective	3
	—		—
	17		17

PREPARATION FOR LAW

The entrance requirements for most Law Schools are such that a Bachelor's degree in any particular field of study will meet the minimum entrance requirements. It is recommended, however, that candidates for Law Schools follow the General or Liberal Arts Program on the Lower Division, and the Upper Division curriculum given below:

THIRD YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Accounting 101	3	Accounting 102	3
English 319	3	English 405	3
Electives	6	Electives	6
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Economics 415	3	Economics 416	3
History 417	3	History 418	3
Electives	6	Electives	6
	—		—
	17		17

PREPARATION FOR TEACHING

Students of Education follow either the Liberal Arts Program or the Science and Mathematics Program in their first two years, depending on their intended field of concentration. In the Junior and Senior year these students follow the curriculum listed below:

THIRD YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Education 301	3	Education 302	3
Psychology 302	3	Education 303	3
Electives	6	Electives	6
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Education 401	3	Education 402	3
Electives	9	Education 403	3
	—	Electives	6
	17		17

PREPARATION FOR SOCIAL WORK

Schools of Social Work prefer candidates who have a broad training in the social sciences. Supplementary courses in Psychology and English are desirable. In general, the liberal arts program provide the most favorable background for case work, group work, community organization work, and research.

THIRD YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Sociology 313	3	Sociology 305 or 418	3
Sociology 412	3	Sociology 414	3
Psychology 314	3	Psychology 422	3
Government 301	3	Government 302	3
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Sociology 407	4	Sociology 408	4
Sociology 416	3	Sociology 304	3
Psychology 311	3	Psychology 315	3
Elective	3	Elective	3
	18		18

SOCIOLOGY**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Sociology 304 or 412	3	Sociology 414 or 424	3
Sociology 313	3	Sociology 305 or 418	3
Psychology 314	3	Psychology 422	3
Government 301	3	Government 302	3
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Sociology 407	4	Sociology 408	4
Sociology 416 or 425	3	Sociology 420 or 426	3
Electives	6	Electives	6
	18		18

II. The Science and Mathematics Programs

BIOLOGY

THIRD YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Biology 301	3	Biology 302	3
Biology 304	4	Biology 303	4
Chemistry 303	4	Chemistry 304	4
English 205	3	English 206	3
	—		—
	19		19

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Biology 416	4	Psychology 314	3
Biology 412	2	Chemistry 306	4
Chemistry 302	4	History 114	3
History 113	3	Elective	3
	—		—
	18		18

CHEMISTRY

THIRD YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
English 205	3	English 206	3
Physics 306	3	Chemistry 304	4
Chemistry 303	4	Electives	6
Elective	3		—
	—		—
	18		18

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Chemistry 405	4	Chemistry 406	4
History 113	3	History 114	3
Chemistry Elective	4	Chemistry Elective	4
	—		—
	16		16

MATHEMATICS**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Mathematics 310	3	Mathematics 314	3
Mathematics 312	3	Mathematics 308	3
English 205	3	English 206	3
Elective	3	Elective	3
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Mathematics 412	3	Mathematics 415	3
Mathematics 414	3	Mathematics 420	1
History 113	3	History 114	3
Psychology 312	3	Psychology 313	3
	—	Elective	3
	17		18

PHYSICS**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Mathematics 308	3	Mathematics 310	3
Physics 308	3	Physics 304	4
Physics 309	3	Physics 410	3
English 205	3	English 206	3
	—		—
	17		18

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Chemistry 405	4	Physics 420	1
Physics 407	3	Physics 408	3
Physics 411	3	Physics 415	3
History 113	3	History 114	3
	—	Elective	3
	18		18

PSYCHOLOGY**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Psychology 312	3	Psychology 316	3
Psychology 324	3	Psychology 315	3
English 205	3	Psychology 313	3
Elective	3	English 206	3
	—		—
	17		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Psychology 419	3	Psychology 420	3
Psychology 423	3	Psychology 424	3
History 113	3	Psychology 311 or 422	3
Elective	3	History 114	3
	—		—
	17		17

PREPARATION FOR MEDICINE

The large number of students who desire to prepare for medicine has placed emphasis upon the science program of the College. To meet the needs of these students a special program of concentration which fulfills the basic requirements of The Association of American Medical College is provided. Medical schools which are members of this Association uniformly require for admission the following courses:

General Inorganic Chemistry	8 s.c.h.
Organic Chemistry	4 s.c.h.
Physics	8 s.c.h.
Biology	8 s.c.h.
English Composition and Literature	6 s.c.h.

In addition to these basic courses, many medical schools specify certain special courses. It is advisable, therefore, that the pre-medical student familiarize himself with the exact requirements of the school to which he will apply.

A prospective medical student may concentrate in Biology or Chemistry and, at the same time, meet the requirements for medical school. Only those students who do better than average work in the premedical courses shall qualify for a favorable recommendation from the faculty.

PREPARATION FOR DENTISTRY

The basic requirements for admission to most dental schools are the same as those for admission to medical schools. The special courses, however, vary with each school. It is recommended, therefore, that the prospective dental student acquaint himself with the requirements of the school which he plans to enter.

A prospective dental student may concentrate in Biology or Chemistry and, at the same time, meet the requirements for dental school.

UPPER DIVISION REQUIREMENTS

The general requirements for the completion of any of the upper division curricula are the successful completion of twelve hours in the required philosophy courses, eight hours in required religion courses, the required courses in the major field as outlined for each curriculum, plus other courses to bring the total number of semester credit hours to sixty-four. This total of upper division courses together with the sixty-eight semester hours earned on the lower division gives the student the required total of one hundred and thirty-two semester credit hours for the four years.

THE SCHOOL OF BUSINESS ADMINISTRATION

**The following areas of concentration lead to the degree of
bachelor of science:**

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THE SCHOOL OF BUSINESS ADMINISTRATION

The School of Business Administration was established as a separate division of the College with its own administration in September of 1955. The increased enrollment in the College with the consequent demand for a greater variety of curricula in Business Administration made such a development inevitable. The College, however, has not lost sight of its fundamental character as a college of liberal arts. In the establishment of a School of Business Administration, the values of a liberal education are not in any way minimized. The College retains the position that the true essence of education rests in the inculcation of the liberal arts in intellectual formation. While the School of Business Administration is established as a separate division, this move does not bring about any basic change in the curriculum. The programs of study in the School of Business Administration retain their basic liberal character and, in this way, preserve a healthy balance between general education and the specialization that is required of the type of training given in a semi-professional program.

OBJECTIVES

Over and above the general objectives of the College, the School of Business Administration, while providing a sound general education through a substantial program in the liberal disciplines, strives to give a basic understanding of business as a foundation for specialization in a particular area. This broad background is provided through a study of the organization and structure of business as an enterprise; a study of economic forces and the problems created by them; a study of the legal foundations of business and of the fundamental skills used in business organizations.

The student in the School of Business Administration builds on this foundation. He may select as an area of concentration a program in Accounting, General Business, Finance, Industrial Management, Industrial Relations, or Marketing. Concentration in any of these areas will prepare him for specific professional fields or for further graduate study.

PROGRAMS

Accounting

The Accounting curriculum is designed to ground the student in all of the accounting processes that he will need to know in entering business, in preparing for the licensing examinations for the professional degree of Certified Public Accountant, or in entering a Graduate School of Accounting.

Finance

This curriculum studies the structural organization and operation of our economic and financial systems and their inter-relationships with the specific techniques and practices of financial institutions of all types in the United States.

General Business

This curriculum is designed to prepare the student to enter the business world well-equipped with a general knowledge of the principles that govern business operations, or to enter a Graduate School of Business.

Industrial Management

This curriculum stresses the various factors that enter into the organization and operation of a business establishment; these factors are integrated with specialized courses in such subjects as Time and Motion Study, Industrial Relations, etc.

Industrial Relations

This curriculum is substantially similar to that in Management. Emphasis, however, is placed upon personnel relations and labor organizations.

Marketing

This curriculum studies those activities—sales, advertising, sales management, wholesaling, retailing, merchandising, sales promotion, marketing research—which are involved in the flow of goods and services from the point of production to the consumer.

ORGANIZATION OF PROGRAMS OF STUDIES LOWER DIVISION

Students desiring to pursue the specialized curricula of the Business Program must complete successfully the courses listed below during the four terms of the first two years:

FIRST YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 110 ¹	2	Religion 111	2
English 101	3	English 102	3
Economics 111	3	Economics 112	3
History 113	3	History 114	3
Accounting 101	3	Accounting 102	3
Language or Sociology 101	3	Language or Sociology 103	3
Military Science 101	1	Military Science 102	1
Freshman Orientation	1	English 103	1
	—		—
	19		19

SECOND YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 215	2	Religion 216	2
English 205	3	English 206	3
Philosophy 202	3	Philosophy 203	3
Business Law 201	2	Business Law 202	2
Finance 201 ²	3	Finance 202	3
Major Elective ³	3	Major Elective	3
Military Science 201	1	Military Science 202	1
	—		—
	17		17

¹ Non-Catholic students, see Religion and Philosophy Requirements for Non-Catholic students, p. 71. Catholic students with a weak foundation in religious studies follow Religion 100-101 in their first year, Religion 110-111 in their second year, and Religion 215-216 in their third year.

² Sophomores rostering Language postpone Finance 201-202 to the Junior Year.

³ Accounting majors take Accounting 201-202; Marketing majors take Marketing 201-202; others take Industry 201-202.

Language Requirement

Students who present two units of foreign language from high school may elect Sociology; or they may take the language placement test in an effort to qualify for intermediate language. Students who present less than two units of modern foreign language from high school must take elementary language during the first year and the intermediate language during the second year.

Speech

All freshmen are required to take Public Speaking. It is a one-credit course and may be rostered in either semester of the first year.

LOWER DIVISION REQUIREMENTS

In order to qualify for admission to the Upper Division, the student must complete the work of the Lower Division with a minimum of sixty-eight semester credit hours and a scholastic index of 1.75. Furthermore, he must make grades of "C" or better in those courses which are prerequisite to the advanced work in his chosen field of concentration.

Under unusual circumstances a student may be permitted to change from one Lower Division Program to another when his record indicates that he may profit by such a change. Permission must be obtained from the Dean.

UPPER DIVISION

The courses in the Upper Division curricula listed in the programs which follow are, with the exception of the Religion and Philosophy courses, prescribed by each major. Course programs may not be altered except with the written approval of the Course Adviser and the Dean of the School.

ACCOUNTING

THIRD YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Accounting 303	4	Accounting 304	4
Economics 313	4	Economics 322	4
	—		—
	13		13

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Accounting 405	3	Accounting 406	3
Accounting 407	3	Accounting 408	3
Finance 301	2	Finance 302	2
	—		—
	13		13

FINANCE**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Marketing 201	3	Marketing 202	3
Business Law 302	3	Economics 313	4
Finance 401	4	Finance 302	2
Finance 301	2		
	—		—
	17		14

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Finance 405	3	Finance 403	4
Insurance 411	3	Insurance 412	3
Psychology 314	3	Psychology 417	3
Finance 402	4		
	—		—
	18		15

GENERAL BUSINESS**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Accounting 302	4	Economics 313	4
Psychology 314	3	Industry 318	4
Marketing 201	3	Marketing 202	3
	—		—
	15		15

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Insurance 411	3	Insurance 412	3
Finance 401	4	Psychology 417	3
Finance 301	2	Finance 302	2
	—		—
	14		13

INDUSTRIAL MANAGEMENT**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Economics 313	4	Economics 322	4
Accounting 302	4	Psychology 314	3
Industry 310	3	Industry 317	4
<hr/>		<hr/>	
	16		16

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Industry 404	3	Industry 408	3
Marketing 201	3	Marketing 202	3
Psychology 417	3	Industry 407	3
		Industry 318	4
<hr/>		<hr/>	
	14		18

INDUSTRIAL RELATIONS**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Industry 317	4	Industry 318	4
Economics 313	4	Economics 322	4
Psychology 314	3	Psychology 417	3
		Industry 301	1
<hr/>		<hr/>	
	16		17

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Industry 404	3	Industry 401	1
Industry 405	4	Industry 406	4
Marketing 201	3	Industry 407	3
		Marketing 202	3
<hr/>		<hr/>	
	15		16

MARKETING**THIRD YEAR**

<i>Fall</i>		<i>Spring</i>	
Religion 315	2	Religion 316	2
Philosophy 305	3	Philosophy 306	3
Economics 322	4	Economics 313	4
Marketing 304	3	Marketing 305	3
Psychology 302	3	Psychology 314	3
—	—	—	—
	15		15

FOURTH YEAR

<i>Fall</i>		<i>Spring</i>	
Religion 415	2	Religion 416	2
Philosophy 411	3	Philosophy 412	3
Marketing 402	3	Marketing 403	3
Economics 317	4	Industry 310	3
Finance 301	2	Finance 302	2
Marketing 400	2	Marketing 401	2
—	—	—	—
	16		15

UPPER DIVISION REQUIREMENTS

The general requirements for the completion of any of the upper division curricula are the successful completion of twelve hours in the required philosophy courses, eight hours in required religion courses, the required courses in the major field as outlined for each curriculum, plus sufficient other courses to bring the total number of semester credit hours to sixty-four. This total of upper division courses together with the sixty-eight semester hours earned on the lower division gives the student the required total of one hundred and thirty-two semester credit hours for the four years.

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ACCOUNTING

FRANCIS J. GUERIN, C.P.A., *Chairman*

ACCOUNTING 101, 102. Principles of Accounting.

This course introduces the elements of Accounting to future accountants, business managers, engineers, investors, etc. A thorough training is given in the fundamental principles of recording business transactions, including a study of the presentation and interpretation of the financial data of a single proprietorship, partnership and corporation. Three hours of lecture per week; two terms. Six credits

ACCOUNTING 201, 202. Accounting Theory.

This course embodies a detailed study of the application of current accounting principles and procedures to such problems as balance sheet valuation, profit determination, equity presentation, flow of working capital, depreciation of tangibles and intangibles, application of funds and comparative statement presentation. Prerequisites: Accounting 101, 102. Three hours of lecture per week; two terms. Six credits

ACCOUNTING 302. Cost Accounting.

Discussion of the necessity, importance and place of cost accounting in modern enterprise; purchasing and issuing of materials and maintenance of perpetual inventory records; control of labor; methods of distributing factory overhead expense; and evaluation of the problems involved in shrinkage and idle time; consideration of forms used in "job and process" cost systems. Prerequisites: Accounting 101, 102. Four hours of lecture per week; one term. Four credits

ACCOUNTING 303. Cost Accounting.

Similar to Accounting 302, but limited to Accounting majors. Four hours of lecture per week; one term. Four credits

ACCOUNTING 304. Auditing.

A practical presentation of modern audit practices, emphasizing the principles and objectives of an audit. Analysis is made of the audit basis, the best standards, objective reporting, the adoption of improved accounting standards, business controls, professional ethics and legal liability. Prerequisites: Accounting 201, 202. Four hours of lecture per week; one term. Four credits

ACCOUNTING 405, 406. Advanced Accounting Theory and Problems.

A detailed study of home office and branch accounting; correction of financial statements; partnership adjustments and liquidations; mergers and the preparation of consolidated financial statements; insolvency in connection with realization and liquidation. Prerequisite: senior rating. Three hours of lecture per week; two terms. Six credits

ACCOUNTING 407, 408. Income Taxes.

This course gives the student a picture of the entire federal tax structure and provides training in the application of the basic principles to the solution of tax problems. The course embodies individual income tax returns, inclusions, exclusions and capital gain or loss applicable thereto; pay-as-you-go tax collection system; partnership, corporation and fiduciary income tax returns; social security, estate and gift taxes. Prerequisites: Accounting 101, 102. Three hours of lecture per week; two terms.

Six credits

BIOLOGY

ROLAND HOLROYD, PH.D., *Chairman*

BIOLOGY 102, 103. General Zoology.

This introductory course deals with the characteristics of living matter, cell structure and functions, the physiology of organ systems, the comparative anatomy of leading phyla of animals and problems of heredity. Three hours of lecture and recitation, two hours of laboratory per week; two terms.

Eight credits

BIOLOGY 117, 118. General Biology.

This is a terminal course designed for those who can take only one year of biology. It introduces the student to the structure and metabolism of seed plants and vertebrate animals. Only a brief survey is made of the plant and animal kingdoms. It concludes with matters of heredity as illustrated by plant and animal breeding. Three hours of lecture and recitation, two hours of laboratory per week; two terms.

Eight credits

BIOLOGY 301, 302. General Botany.

This introductory course includes: (a) a study of the form, structure and life processes of flowering plants; (b) the life-histories and phylogenetic advances seen in representative types of lower plants as well as seed plants. Either Biology 102 or some other introductory course in biology should precede this course. Two hours of lecture and recitation, two hours of laboratory per week; two terms.

Six credits

BIOLOGY 303. Mammalian Anatomy.

A study of the functional anatomy of mammals with lectures devoted to introductory principles of mammalian physiology, and laboratory sessions to the dissection of the domestic cat. Prerequisite: Biology 304. Two hours of lecture, four hours of laboratory per week; one term. **Four credits**

BIOLOGY 304. Comparative Anatomy of the Chordates.

An introductory study is made of the principal theories accounting for the origin and radiation of the chordates. Comparative anatomical studies are made of the skeletal, muscular, digestive, respiratory, circulatory, urogenital and nervous systems of the chordate classes (exclusive of Mammalia). Laboratory dissections of a fish, amphibian, reptile and bird are required. Prerequisite: Biology 102-103 (or 117-118 and 318). Two hours of lecture, four hours of laboratory per week; one term. **Four credits**

BIOLOGY 318, 319. Systematic Biology.

A study of the phylogenetic development of plants and animals is undertaken. Representative types of plants and animals are studied from the protozoa to the chordates and from the bacteria to the flowering plants. This course is the equivalent of and is taken in conjunction with the second semesters of Biology 102 and 301. Prerequisite: Biology 117-118. Two hours of lecture and recitation, two hours of laboratory per week; two terms.

Six credits

BIOLOGY 405. Histology.

The course is designed to acquaint the student with the minute structure of various tissues together with their relationships in the formation of animal organs. Prerequisites: Biology 303 and 304. Two hours of lecture, four hours of laboratory per week; one term.

Four credits

BIOLOGY 407. Introductory Bacteriology.

A lecture-demonstration course concerned with the role of bacteria in nature and especially in human affairs. Prerequisite: Biology 301-302 or 318-319. Two hours of lecture per week; one term.

Two credits

BIOLOGY 408. Cell Physiology.

The physical properties, chemical structure and metabolism of the cell in general are studied. The application of these properties to specialized types of cells is undertaken. Prerequisites: Biology 301-302 or 318-319; Chemistry 303; Physics 201; and permission of the course adviser to register. Two hours of lecture and demonstration per week; one term.

Two credits

BIOLOGY 412. Organic Evolution and Genetics.

A lecture course outlining briefly the history of the development of evolutionary thought and presenting the evidence for organic evolution, together with the leading theories which have been advanced; the scope and method of genetics or modern experimental evolution; Mendel's laws of heredity as applied to plants and animals. Prerequisites: Biology 102-103 and 301-302 or 117-118. Two hours of lecture per week; one term.

Two credits

BIOLOGY 414. Taxonomy of the Angiosperms.

A study of the classification of seed plants is made. Practice in the use of keys of identification is afforded. The phylogeny and economic importance of the leading families of flowering is emphasized. Prerequisite: Biology 301-302 or 117-118. One hour of lecture, two hours of laboratory per week; one term.

Two credits

BIOLOGY 415. Horticultural and Forest Botany.

The relation of man to cultivated plants is studied. Soil, plant propagation, the elements of landscape horticulture together with the basic problems of forestry are included in this course. Visits to greenhouses and botanic gardens are made. Prerequisite: Biology 301-302 or 117-118. Two hours of lecture per week; one term.

Two credits

BIOLOGY 416. Embryology.

Fundamental processes underlying vertebrate development and differentiation are studied. The frog, chick and pig form the basis of instruction. Student preparations of whole mounts and serial sections are made to illustrate principles of microscopy employed in the field of embryology. Prerequisite: Biology 304. Two hours of lecture, four hours of laboratory per week; one term.

Four credits

BIOLOGY 421. History of Science.

The student is introduced to scientific thought and discoveries from the earliest times to the present. Individual work in the history of the biological sciences is required. Prerequisite: Biology 102-103 or 117-118. Two hours of lecture per week; one term.

Two credits

BUSINESS LAW

BUSINESS LAW 201, 202. Law of Contracts.

Law of Contracts is designed to introduce the student to the more common rules and principles governing business transactions; the rights and duties of individuals resulting from contractual and quasi-contractual obligations; and the legal relationship of principal and agent. Two hours of lecture per week; two terms.

Four credits

BUSINESS LAW 302. Law of Business Associations.

Law of Business Associations covers the common and statute laws relative to the creation, operation and termination of partnerships, joint stock companies, business trusts, and corporations. Throughout the course, emphasis is placed upon the Uniform Partnership Act and the Business Corporation Law of the State of Pennsylvania. Prerequisite: Business Law 201-202. Three hours of lecture per week; one term.

Three credits

BUSINESS LAW 303. Law of Personal Property.

Law of Personal Property deals with the common and statute laws relative to the purchase, sale, transfer and bailment of personal property. The subjects covered include secured transactions; the legal relationship of bailor and bailee carriers and shippers or passengers; vendor and vendee. Prerequisite: Business Law 201-202. Three hours of lecture per week; one term.

Three credits

BUSINESS LAW 305. Law of Real Estate.

Although this course is designed principally for those engaged in real estate, it is also of value to all students wishing a well rounded knowledge of real estate transactions. This course covers common and statute law and court processes which the real estate salesman and broker encounter in their daily work, including the legal principles applicable to the agreement of sale, mortgages, deeds, leases, adverse possession, easements, licenses, proving and recording title. Prerequisites: Business Law 201-202; Business Law 303. Three hours of lecture per week; one term.

Three credits

BUSINESS LAW 404. Law of Negotiable Instruments.

The first half of the course deals with the application of the principles of common law and those of the uniform commercial code to the various papers used in business transactions. The second half covers the laws of principal and surety, and insurer and insured as related to the use of commercial paper. Prerequisite: Business Law 201-202. Three hours of lecture per week; one term.

Three credits

CHEMISTRY

BROTHER M. EDWARD, F.S.C., LITT.M., *Chairman*

CHEMISTRY 101, 102. General Chemistry.

The fundamental concepts, laws and theories of chemistry are presented; and the quantitative aspects are emphasized by suitable experiments and calculations. Proportionate time is devoted to the descriptive study of some of the elements and their compounds. Three hours of lecture, three hours of laboratory per week; two terms.

Eight credits

CHEMISTRY 111, 112. General Chemistry.

This course covers the same content as Chemistry 101, 102; however, emphasis is placed on the mathematical approach to this content. This course is intended for Chemistry, Mathematics and Physics majors. Three hours of lecture, three hours of laboratory per week; two terms.

Eight credits

CHEMISTRY 301. Qualitative Analysis.

The principles of ionization, chemical equilibria, solubility product, hydrolysis and complex ions are discussed in relationship to inorganic qualitative analysis. The laboratory work involves the analysis of simple and complex mixtures for both cations and anions. Prerequisites: Chemistry 101, 102 or 111, 112. Two hours of lecture, four hours of laboratory per week; one term.

Four credits

CHEMISTRY 302. Quantitative Analysis.

Neutralization, oxidation-reduction, chemical equilibria, colloids and the methods of quantitative chemical analysis are discussed in lecture. The laboratory experiments include the analysis of sufficient samples to train thoroughly in volumetric and gravimetric techniques. Prerequisites: Chemistry 101, 102 or 111, 112. Two hours of lecture, six hours of laboratory per week; one term.

Four credits

CHEMISTRY 303, 304. Organic Chemistry.

The principles of chemistry are extended and applied to the study of carbon compounds, including both aliphatic and aromatic derivatives. In the laboratory typical organic compounds are prepared and studied. Three hours of lecture, three hours of laboratory per week; two terms. Prerequisites: Chemistry 101, 102, or 111-112.

Eight credits

CHEMISTRY 306. Physical Chemistry.

The elementary theoretical principles applicable to all branches of chemistry are studied. Laboratory experiments to illustrate these principles are performed. This course is intended for Biology majors. Prerequisite: Chemistry 302. Two hours of lecture, four hours of laboratory per week; one term.

Four credits

CHEMISTRY 405, 406. Physical Chemistry.

The elementary principles of physical chemistry are discussed and illustrated by suitable laboratory experiments. A study of the ideal gas, real gases, liquids, solids, elementary thermodynamics, thermochemistry, solutions, equilibria, kinetics, electromotive force, electrical conductivity and chemical thermodynamics are included. Prerequisites: Chemistry 302; Mathematics 206, 207. Three hours of lecture, three hours of laboratory per week; two terms.

Eight credits

CHEMISTRY 407. Qualitative Organic Analysis.

A study of the classifying reactions of organic compounds as exemplified by the analysis of compounds and mixtures in the laboratory. This course is restricted to Chemistry majors. Prerequisites: Chemistry 301, 302, 303, 304. Eight hours of laboratory per week and individual conferences. One term.

Four credits

CHEMISTRY 408. Advanced Quantitative Analysis.

An extension of Chemistry 302 in which the principles of physical chemistry as applied to quantitative analysis are presented. Calibration of apparatus, mineral analysis, electrodeposition, conductimetric and potentiometric titrations, colorimetric and spectrophotometric analysis are included. Prerequisites: Chemistry 301, 302. Eight hours of laboratory per week and individual conferences; one term.

Four credits

CHEMISTRY 410 and/or 411. Chemical Research.

The course makes provisions for individual laboratory or theoretical work under supervision of a staff member. This course is restricted to Chemistry majors. Hours to be arranged.

Four credits per term

CHEMISTRY 421. History of Science.

This is an introduction to scientific thought and scientific discoveries from the earliest times to the present. Individual work in the history of chemistry is prescribed. Two hours of lecture per week; one term.

Two credits

CHEMISTRY 430. Advanced Organic Topics.

The course is designed to extend the knowledge of organic chemistry, and will emphasize those topics that are not fully developed in the elementary course. An introduction to the literature of chemistry is also included. Prerequisites: Chemistry 303, 304. Three hours of lecture per week; one term.

Three credits

CLASSICAL LANGUAGES**BROTHER G. JUDE, F.S.C., PH.D., Chairman****GREEK****GREEK 101, 102. Elementary Greek.**

The course is an introductory study of forms and syntax. It includes reading and translation exercises and frequent practice in prose composition. Four hours of lecture per week; two terms. **Eight credits**

GREEK 204. Xenophon.

Selections from the *Anabasis* are read. There are frequent exercises in prose composition based upon the readings. Three hours of lecture per week; one term. **Three credits**

GREEK 304. Homer.

Selection from the *Iliad* are read. Study is made of the epic meter and style. Three hours of lecture per week; one term. **Three credits**

GREEK 305. The New Testament.

Selected passages are read. Special attention is given to the forms peculiar to New Testament Greek. Three hours of lecture per week; one term. **Three credits**

GREEK 407. Plato.

Selections from the *Apology* are read with special attention given to the syntax. A study is made of Platonic philosophy and of contemporary life in Athens. Three hours of lecture per week; one term. **Three credits**

GREEK 408. Euripides.

The *Medea* is read. A detailed study is made of the play and its later influence. The course includes lectures and reports on Greek drama. Three hours of lecture per week; one term. **Three credits**

GREEK 421. Survey of Greek Literature.

A detailed study is made of the literary history of Greece and of the environment in which our literary heritage was written. Some of the more significant Greek classics are read and discussed. A knowledge of the Greek language is not required. The course is open to upperclassmen who desire a cultural course of this nature. Three hours of lecture per week; one term. **Three credits**

LATIN**LATIN 101, 102. Elementary Latin.**

This course is intended for those who are beginning the study of Latin. It offers a thorough grounding in forms and vocabulary. There is regular exercise in reading and translating Latin. Three hours of lecture per week; two terms. **Six credits**

LATIN 111, 112. Review and Reading.

A systematic review is made of the basic principles of grammar to assure facility in reading Latin. This course is recommended for those who have been away from Latin for some time and wish to resume its study. Three hours of lecture per week; two terms. **Six credits**

LATIN 202, 204. Intermediate Latin.

Passages for reading are selected from Sallust's *Catiline*, Cicero's *Orations*, and Ovid's *Metamorphoses*. The elements of Latin prosody are studied, and the ability to read dactylic hexameter is developed. Three hours of lecture per week; two terms. **Six credits**

LATIN 203. Prose Composition.

Exercises in writing Latin are based upon Sallust and Cicero. This course is offered only upon demand. It is recommended in conjunction with Latin 202. One hour of lecture per week; one term. **One credit**

LATIN 309. Cicero.

Selections from the *De Senectute* and *De Amicitia*. A study is made of the current philosophies of Cicero's time. Three hours of lecture per week; one term. **Three credits**

LATIN 310. Livy.

Selected passages of Livy's *History of Rome* are read. A study is made of Roman historiography and of Livy's literary style. Three hours of lecture per week; one term. **Three credits**

LATIN 312. Horace.

Selections from the *Odes* and *Epodes* are read and studied. Attention is given to the various meters used by Horace. Three hours of lecture per week; one term. **Three credits**

LATIN 314. Latin Poetry.

Selections from one or several of the Roman poets are read and studied. The interest of the class will determine which of the poets will be studied. Among the poets may be mentioned Vergil, Catullus, Lucretius, Tibullus, Propertius, Martial, Ovid, Horace, Juvenal, and Persius. Three hours of lecture per week; one term. **Three credits**

LATIN 413. Plautus.

The *Mostellaria* will be read and a study made of the field of Roman Comedy. Three hours of lecture per week; one term. **Three credits**

LATIN 415. Patristic Latin.

Selections from the principal Latin Fathers will be read and discussed. A brief survey will be made of the field of patrology and its influence on the Christian way of life. Three hours of lecture per week; one term. **Three credits**

LATIN 416. Medieval Latin.

Selections are made from the various writers from the fifth to the thirteenth centuries of the Christian era. A study is made of changes in Latin forms and syntax and in the meaning of words. The relationship of medieval Latin to the vernaculars will be carefully noted. Three hours of lecture per week; one term.

Three credits

LATIN 420. Latin Inscriptions.

Selected Latin inscriptions illustrative of Roman private life will be read. A study will be made of work done in the field of epigraphy. Three hours of lecture per week; one term.

Three credits

LATIN 421. Survey of Latin Literature.

A detailed study is made of the literary history of Rome and the influence of Latin literature on Western thought. Its indebtedness to the literature of Greece will be clearly noted. Some of the significant Latin classics will be read and discussed. A knowledge of the Latin language is not required. The course is open to upperclassmen who desire a cultural course of this type. Three hours of lecture per week; one term.

Three credits

ECONOMICS

JOSEPH F. FLUBACHER, ED.D., *Chairman*

ECONOMICS 111, 112. Principles of Economics.

This is a general introductory course designed to acquaint the student with fundamental economic principles and processes as they appear in such phenomena as production, exchange, price, distribution, consumption and national income. This course is a prerequisite for all other economic courses except Economics 415 and 416. Three hours of lecture per week; each term.

Six credits

ECONOMICS 201, 202. Money and Credit.

The principles of money, monetary standards and the commercial bank as a creator of credit are treated. Emphasis is placed on Federal Reserve monetary and United States Treasury fiscal policies and their effects on the economy. Three hours of lecture per week; two terms.

Six credits

ECONOMICS 312. Economic Fluctuations and Growth.

This course attempts to explain economic fluctuations both by national income analysis and by traditional business cycle analysis. Forecasting of economic conditions and policies of stabilization are studied. Theories of economic growth from Adam Smith to the present are treated. Determinants of growth and policies of accelerating development in underdeveloped countries (and maintaining it in developed countries) are examined. Four hours of lecture per week; one term.

Four credits

ECONOMICS 313. Business Statistics.

This is a general introduction to the basic ideas and procedures of statistical analysis with special emphasis on their application to economics and business. Topics treated include sources, collection and presentation of statistical data, measures of distribution and dispersion, statistical inference, index numbers and time series analysis. Four hours of lecture per week; one term.

Four credits

ECONOMICS 317. Labor Problems in America.

This course is devoted to the study of the sources of the union movement, its history, structure, and functions. Considerable attention is given to the development of economic, political and social power, as well as to the problems involved in the use of this power. Management rights and management reaction to unions are also treated. Emphasis is placed on the discussion of these problems. Readings and term papers are required. Four hours of lecture per week; one term.

Four credits

ECONOMICS 322. American Economic History.

The history of the growth and development of the economic institutions of the United States from the Age of Discovery to the "New Deal" and their influences on political and social organizations. Four hours of lecture per week; one term.

Four credits

ECONOMICS 415. History of Economic Thought.

A detailed study of the development of the leading economic concepts is made. The contributions of the early philosophers, the Middle Ages, the Mercantilists, the Classicists and the Neo-Classicalists are considered. Three hours of lecture per week; one term.

Three credits

ECONOMICS 416. Contemporary Economic Systems.

This course is, in part, a continuation of Economics 415. The German historical schools, Marginal Utility school, American economic thought, and the economics of J. M. Keynes are treated. These are followed by a survey of socialism, both utopian and scientific, and an examination of the rise and development of the communist and fascist movements. The socio-economic program of the papal encyclicals is also considered. Three hours of lecture per week; one term.

Three credits

ECONOMICS 418, 419. Intermediate Economic Theory.

Recent developments in value and distribution theory, international economics, and macro-economics. Two hours of lecture per week; two terms.

Four credits

ECONOMICS 420, 421. Seminar.

A study of methodology in economics and of the techniques of preparing research reports. The second semester includes readings, discussions, and presentation of individual research reports on phases of contemporary economic thought. Required of majors in economics and open to others with permission of the department chairman. Three hours of lecture per week; two terms.

Six credits

EDUCATION

BROTHER F. AZARIAS, F.S.C., M.A., *Chairman*

EDUCATION 301. The School—Introduction to Education.

The course treats the place of the public school in American society; the changing objectives of the school brought about by the expansion and development of society; the growth of the school population; changes in methods of financing schools; curricular and co-curricular developments; and the interest of the community in the new type of teacher needed to conduct the school. Three hours of lecture per week; one term.

Three credits

EDUCATION 302. The Child—Educational Psychology.

The concept that it is the right of every American child to receive an elementary and secondary education at public expense has highlighted the need to understand the child's interest, needs, and abilities. Identification of these has developed a growing body of material on the child. A psychology of individual differences is necessary for the teacher in his relations with the pupils. Teachers, supervisors, administrators, guidance counselors, vocation counselors—all are available to help the child make an adjustment within the school and the community. Prerequisite: Psychology 302. Three hours of lecture per week; one term.

Three credits

EDUCATION 303. The Teacher—General Methods of Teaching.

The course deals with the common problems met by the teacher in dealing with the child in the classroom situation; discipline, use of visual aids, lesson planning, tests and measurement, etc. Three hours of lecture per week; one term.

Three credits

EDUCATION 401. The Subject—Special Methods of Teaching.

The course treats methods of teaching in particular fields of subject matter. The course is ordinarily given by a member of the department or field of concentration in which the prospective teacher is preparing to qualify for certification. Lessons are prepared and given by the prospective teacher to a group of students who, like himself, are preparing for the same certification. These practice lessons provide for the evaluation, criticism, correction and re-planning which constitute the laboratory experience which is an integral part of the course. Three hours of lecture per week; one term.

Three credits

EDUCATION 402, 403. Observation and Practice Teaching.

Prospective teachers are assigned to selected schools where, under the supervision of critic teachers, an opportunity is provided for teaching in live situations. Student teachers hold regular conferences with members of the Education staff together with the critic teachers attached to the school where the practice teaching is carried on. Ninety clock hours are devoted to observation; ninety clock hours to practice teaching. The work is spread over two terms.

Six credits

EDUCATION 404. Community Recreation Programs.

The course meets a growing need for personnel trained to supervise community recreation centers. Adult programs in speech, drama, dancing, discussion clubs, language activities and citizenship classes form an integral part of activities in the community recreation centers. Students are provided with an opportunity to participate in these programs in connection with the course. Hours arranged to accommodate individual schedules.

Three credits

ENGLISH

BROTHER EDWARD PATRICK, F.S.C., M.A., *Chairman*

ENGLISH 010. Remedial Grammar.

This is a non-credit course in drill of the grammar, usage, and mechanics of English. The course is required of students whose scores in achievement tests in grammar and usage do not meet the requisite grade of performance and of other students whose classroom performance indicates the need of a review of essentials. One hour per week; two terms. No credit

ENGLISH 101. Composition.

The course consists in a development of expository writing, beginning with the paragraph and leading to longer papers and the term paper. One or two narrative papers are essayed. Stress is given to the student's criticism of his own writing and to the study of mechanics as the student's needs demand. Readings for intellectual stimulation are assigned. Conferences with instructor are scheduled. Three hours of lecture per week; one term.

Three credits

ENGLISH 102. Composition.

Original exercises are assigned in formal expository writing, the informal essay, and description. One or two projects in fiction and a research paper are included. Readings for stimulation and ideas are required. Individual conferences are added to class discussions. Three hours of lecture per week; one term.

Three credits

ENGLISH 103. Public Speaking.

Oral composition and basic principles of speech; developing poise, confidence, directness, and conversational spirit; stress on bodily motion, voice, and interpretation. One hour of lecture per week; one term. One credit

ENGLISH 205. Approach to Literature.

A course in training for literary appreciation through a study of the predominant types of literature. Frequent papers, class discussions, and collateral readings are assigned. Three hours of lecture per week; one term.

Three credits

ENGLISH 206. Approach to Literature.

This course is a continuation of English 205. Three hours of lecture per week; one term.

Three credits

ENGLISH 307. Chaucer.

A study of the language and poetry of Chaucer: the literary tradition in which he wrote, the range and variety of his art, and his influence on English literature. Weekly individual exercises in oral reading in the language laboratory. Three hours of lecture per week; one term.

Three credits

ENGLISH 309. The Literature of England: Beowulf to Blake.

Survey course in English literature showing development in types and forms. Three hours of lecture per week; one term.

Three credits

ENGLISH 310. The Literature of England: Since 1800.

This course continues English 309. Three hours of lecture per week; one term.

Three credits

ENGLISH 312. The English Novel.

Survey of the growth of the novel in England from its origins to the present century. Three hours of lecture per week; one term.

Three credits

ENGLISH 313. Reading List in English Literature.

Intensive study of major authors from Anglo-Saxon times to the seventeenth century with critical attention to the values being perpetuated. This course is required for students majoring in English. One term.

Three credits

ENGLISH 314. Reading List in English Literature.

A study of the leading literary figures and movements in the seventeenth and eighteenth centuries. This course is required for students majoring in English. One term.

Three credits

ENGLISH 318. History of the English Language.

An introduction to the fundamentals of structural and historical linguistics with special attention to the English language: its origins and the development of modern English from Old and Middle English; dialects and dialect geography. Weekly individual exercises in the language laboratory. Three hours of lecture per week; one term.

Three credits

ENGLISH 319. Advanced Public Speaking.

The composition and arrangement of materials, outlines for argumentation and persuasion; principles of debating and parliamentary procedure. Three hours of lecture per week; one term.

Three credits

ENGLISH 322. The American Novel.

A survey of the historical development of the novel in America from its beginnings to the present time is made. Three hours of lecture per week; one term.

Three credits

ENGLISH 328. Shakespeare, Part I.

In Class: preliminary lectures on Drama and the Elizabethan dramatic conditions; detailed discussion of Midsummer Night's Dream, Romeo and Juliet, Henry IV Part One, Much Ado, Hamlet, Winter's Tale; pertinent references to plays listed shortly. Outside-class readings: a biography of

Shakespeare; basic scholarly works; Richard II, As You Like It, Macbeth, Antony & Cleopatra, Cymbeline. Term paper; one oral report. This course is offered in alternate years with English 329. Three hours of lecture per week; one term. Two credits

ENGLISH 329. Shakespeare, Part II.

In Class: preliminary lectures on Drama and the Elizabethan dramatic conditions; detailed discussion of Comedy of Errors, Merchant of Venice, Henry V, Twelfth Night, Othello, Tempest; pertinent references to plays listed shortly. Outside-class readings: a biography of Shakespeare; basic scholarly works; Richard III, Henry IV Part Two, Julius Caesar, Measure for Measure, King Lear, Coriolanus. Term paper; one oral report. This course is offered in alternate years with English 328. Three hours of lecture per week, one term. Three credits

ENGLISH 340. Creative Writing.

This is a course in imaginative writing of verse and fiction intended for students desirous of learning to write creatively. Three hours of lecture; one term. Three credits

ENGLISH 343, 344. Fundamentals of Journalism.

Active participation in the production of the La Salle Collegian. Two credits

ENGLISH 351. Writing the Short Story.

The course provides opportunities for those interested in short story writing; it develops critical appreciation of story writing. Prerequisite: English 340. Three hours of lecture per week; one term. Three credits

ENGLISH 352. Writing the Short Story.

This course is a continuation of English 351. Three hours of lecture per week; one term. Three credits

ENGLISH 355. Advanced Grammar.

This is a study of principles. Students who wish to develop greater skill in expression and to broaden their understanding of the operations of grammar are given a thorough and workable knowledge of grammar. Three hours of lecture per week; one term. Three credits

ENGLISH 401. Advanced Expository Writing.

The writing of complete papers in exposition and description; advanced level of the four forms of discourse. Three hours of lecture per week; one term. Three credits

ENGLISH 405. Literary Theory and Criticism.

An introduction to the theory of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings. Three hours of lecture per week; one term. Three credits

ENGLISH 408. Major American Authors.

A study of the literature of America from the colonial period to the present time, with emphasis on certain figures: Emerson, Poe, Thoreau, Irving, Hawthorne, Lowell, Melville, Whitman. Three hours of lecture per week; one term.

Three credits

ENGLISH 413. Reading List in English Literature.

The reading list provides an intensive study of figures and movements of the nineteenth and early twentieth centuries. Required for students who are majoring in English.

Three credits

ENGLISH 414. Reading List in American Literature.

Intensive reading of significant authors in American literature. Required for students who are majoring in English.

Three credits

ENGLISH 415. The Drama in England.

Survey of major movements and writers from the miracle plays to Galsworthy, with discussions, readings, and reports on the dramas. Three hours of lecture per week; one term.

Three credits

ENGLISH 416. Modern American Drama.

Trends in the American theater since O'Neill are studied. Special emphasis is given to an analysis of representative plays of the period. Three hours of lecture per week; one term.

Three credits

ENGLISH 420. Contemporary Poetry.

Theory and practice in contemporary poetry; a study of the major figures in the light of their own theories; comparison with poets of the past and their poetic theories. Three hours of lecture per week; one term.

Three credits

ENGLISH 443, 444. Advanced Journalism.

Staff participation in the production of the La Salle *Collegian*.

Two credits

FINANCE

JAMES J. HENRY, LL.D., Chairman

FINANCE 201, 202. Money and Credit.

This course studies the principles of money, monetary standards and the means used by commercial banks to create credit. Particular emphasis is given to the effect on our economy of Federal Reserve policy and U. S. treasury fiscal policy. Three hours of lecture per week; two terms.

Six credits

FINANCE 301, 302. Stock Markets.

A study of the functions of the stock exchange and the procedure of trading and executing orders on the floor of the exchange with their effect on prices. Current market movements are studied and analyzed with the use of current

materials and special projects. Consideration is given to federal regulations and to the delivery, transfer and clearing of stocks. Two hours of lecture per week; two terms.

Four credits

FINANCE 401. Corporation Finance.

The principles and practices necessary to establish a business enterprise are discussed. The course considers promotion, financing, types of securities, expansion, consolidation, insolvency and reorganization. Four hours of lecture per week; one term.

Four credits

FINANCE 402. Investments.

An analysis is made of the various types of investments. Financial risk, interest-rate risk, purchasing, power risk and other risks of investment are stressed. Investment requirements are studied; as well as such policies which meet the requirements of an investment portfolio. Other standards are developed to aid in selecting the industry, the issuer, and the security. Four hours of lecture per week; one term.

Four credits

FINANCE 403. Financial Institutions.

The purposes and functions of the various institutions in the lending and saving field and their importance in our economic system are considered. Four hours of lecture per week; one term.

Four credits

FINE ARTS

ART 301. Introduction to Art Techniques.

This one semester course for beginners will include instructions and exercises in lettering, simple and complex, with pen and brush. There will be studies of color and form via collages, pencil sketching, wash-drawing, water-color painting and linoleum block printing. There will be emphasis placed on practical work, e.g., posters, but the general orientation will be to a better understanding of the achievements of modern art through experiments with still-life done in the studio and landscape done out of doors. Three hours of lecture per week; one term.

Three credits

ART 329. History of Art, I.

This course is designed to provide a general knowledge of the principal branches of the fine arts—architecture, sculpture, painting—from the classic era until the 15th century, with particular reference to the styles, masterpieces and artists through the centuries. Two hours of lecture per week; one term.

Two credits

ART 330. History of Art, II.

As in History of Art 329, from the 16th century until the present. Two hours of lecture per week; one term.

Two credits

MUSIC 101, 102. Choral Singing.

Preparation and rendition of ballads, chanteys, spirituals, classics, semi-classical and popular songs, religious, concert and liturgical numbers, both modern and polyphonic.

No credit given

MUSIC 202, 203. Choral Singing.¹	
Prerequisite, Choral Singing 101-102. One hour; two terms.	Two credits
MUSIC 301, 302. Introduction to Music Appreciation.	
One hour; two terms.	Two credits
MUSIC 303, 304. Choral Singing.¹	
Prerequisite, Choral Singing 202-203. One hour; two terms.	Two credits
Music 404, 405. Choral Singing.¹	
Prerequisite, Choral Singing 303-304. One hour; two terms.	Two credits

GOVERNMENT

C. RICHARD CLEARY, PH.D., Chairman

GOVERNMENT 101. Science of Government.

This is a study of the nature of political authority, the state, its organs and their functions. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 103. Geopolitics.

This course is a survey of the geographic factors influencing the real and potential economic and political development of nations. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 301. American Federal Government.

This is an examination of the organization and functions of the federal government of the United States; a study of the separation of powers and relations with the states. Three hours of lecture per week; one term.

Three credits

GOVERNMENT 302. American State and Local Government.

This is a study of state and local governments in the United States with special reference to the Commonwealth of Pennsylvania. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 401. United States Foreign Relations.

The historical development of United States diplomacy and foreign policy is traced from the period of the Revolution to 1914. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 402. United States Foreign Relations.

This course is a continuation of Government 401, from 1914 to the present. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 405. Municipal Government.

This course is a study of the organization and functions of government at the municipal level and an analysis of trends and types of municipal governments. Three hours of lecture per week; one term. **Three credits**

¹ A maximum of 4 credit hours may be earned in Choral Singing.

GOVERNMENT 407. International Relations.

An analysis is made of the basic patterns and major factors underlying international politics. Consideration is given to current international problems. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 409. American Political Parties.

This course presents a view of the political problems of the United States as revealed in the major and minor political parties that have arisen during the country's history. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 410. Modern Political Thought.

This course is a consideration of major trends in political philosophy from the 18th century to the present. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 415, 416. Seminar.

Students engage in individual studies and group discussion of source materials, methods of research and scholarly writing. Individual research papers are prepared on selected problems. This seminar is open to Government majors only. Three hours of lecture per week; two terms. **Six credits**

GOVERNMENT 417. Constitutional History of England.

This course is identical with History 417. Three hours of lecture per week; one term. **Three credits**

GOVERNMENT 418. Constitutional History of the United States.

This course is identified with History 418. Three hours of lecture per week; one term. **Three credits**

HISTORY

UGO DONINI, M.A., *Chairman*

HISTORY 113, 114. The United States in World History.

The course proposes to review the political, intellectual, social, economic and religious development of the United States against the background of our western civilization. It, likewise, gives the reasons for the position of the United States in the world scene and the influence of America on world history. Three hours of lecture per week; two terms. **Six credits**

HISTORY 309, 310. The Ancient World.

The course studies the Greek and Roman worlds and treats of the major oriental influences on Graeco-Roman history. Three hours of lecture per week; two terms. **Six credits**

HISTORY 311, 312. The Middle Ages, 300-1500.

This is a study of the origins and development of West European Christian civilization. Three hours of lecture per week; two terms. **Six credits**

HISTORY 313, 314. The History of Europe from 1500 to 1815.

The course reviews the history of Europe from the Renaissance through the era of the French Revolution and Napoleon. Emphasis is placed on the emergence of the European state system and of the middle class. Three hours of lecture per week; two terms. **Six credits**

HISTORY 315, 316. The History of Europe from 1815 to 1932.

The history of Europe from Napoleon to the Great Depression is treated. Emphasis is placed on the development of nationalism and democracy and on the growth of the challenge of socialism. Three hours of lecture per week; two terms. **Six credits**

HISTORY 317. The History of England.

The course gives special emphasis to the political and social background of the cultural developments in the history of this country. Three hours of lecture per week; one term. **Three credits**

HISTORY 318. The History of Latin America.

The conquest, colonization and evolution of the nations south of the border are treated. Special attention is directed to the political, economic and social developments in Latin American nations since they gained their independence. Three hours of lecture per week; one term. **Three credits**

HISTORY 417. Constitutional History of England.

Particular emphasis is placed on the constitutional and legal developments as they evolved in the history of this nation. Three hours of lecture per week; one term. **Three credits**

HISTORY 418. Constitutional History of the United States.

The course follows the formation, evolution and application of the principles announced in the Constitution of the United States. Three hours of lecture per week; one term. **Three credits**

HISTORY 419, 420. History of the United States and Pennsylvania.

This is a more detailed study of the growth of the United States with special attention to the history of Pennsylvania from the origins of the country in the founding of the colonies to the present day. **This course is required of all history majors and of all students who are seeking teacher certification in the social sciences.** Three hours of lecture per week; two terms. **Six credits**

HISTORY 421. History of Science.

An introduction to the history of scientific thought and discoveries from the earliest times to the present. Two hours of lecture per week; one term. **Two credits**

HISTORY 425, 426. History of Russia.

The course presents, in the first semester, the development of the Russian empire and its peoples, until the end of the Nineteenth Century. The second semester deals with the origins of the communist revolution and the subsequent growth of Soviet power, until the present. Three hours of lecture per week; two terms. **Six credits**

HISTORY 427, 428. The World since 1914.

Particular attention is directed to the world setting of the great wars of the twentieth century with a view of identifying causes and determining currents of historical processes. Three hours of lecture per week; two terms.

Six credits

History 431, 432. Seminar in Historiography.

The seminar provides an opportunity for the major in history to expand his grasp of historical method through assigned readings, research projects and term papers. It also includes a consideration of the philosophy of history and a survey of historical writing in the student's major field of interest. Three hours of meeting and discussion per week; two terms.

Six credits

HISTORY 441, 442. Studies in Western Institutional History.

A selective study of the major institutions which have characterized the Western World. Three hours of lecture per week; two terms. Six credits

INDUSTRY

BERNARD B. GOLDNER, PH.D., *Chairman*

INDUSTRY 201. Manufacturing Industries of the United States.

The analysis of the principal manufacturing industries of the United States including their development, structure, technology and competitive pattern. Three hours of lecture per week; one term.

Three credits

INDUSTRY 202. Principles of Industrial Management.

A comprehensive study of the principles and problems of modern industrial management including physical facilities, standardization, design and inspection, budgetary control and organization. This is the key course for Industrial Management majors. Prerequisite: Industry 201. Three hours of lecture per week; one term.

Three credits

INDUSTRY 301. Reading List.

A collection of literary works designed to improve the students' level of comprehension and literary expression. No class meetings; students will have individual conferences with instructors. Required for, and restricted to, Industrial Relations majors.

One credit

INDUSTRY 310. Purchasing.

The principles of modern, scientific purchasing and control of materials including organization, procurement procedures, sources of supply, inventory control, quality control and purchasing department policies. Term paper required. Three hours of lecture per week; one term.

Three credits

INDUSTRY 317. Labor Problems in America.

This course is identical with Economics 317. Four hours of lecture per week; one term.

Four credits

INDUSTRY 318. Industrial Relations and Personnel Management.

The study of new methods, ideas and practices applicable to personnel management. This course is designed to train students to analyze existing programs, to adapt procedures and to develop original methods which will insure a smooth running, highly efficient personnel administration. Topics studied include job analysis, selection, promotion and transfer, attitudes and morale, health and safety. Outside readings and term paper required. Four hours of lecture per week; one term.

Four credits

INDUSTRY 401. Reading List.

A continuation of Industry 301.

One credit

INDUSTRY 404. Motion and Time Study.

The course includes principles of motion study, process charting and techniques of time study; it involves actual projects and establishment of task times and standards. Prerequisites: Industry 202 and a qualifying score on the mathematics placement test. Three hours of lecture per week; one term.

Three credits

INDUSTRY 405. Labor Legislation.

The important federal statutes affecting labor-management relations, including the Railway Labor Act of 1926 (with amendments), the Taft-Hartley Act, the Norris-LaGuardia Act, the Social Security Act, and the Fair Labor Standards Act, are studied and analyzed. Outside readings required. Four hours of lecture per week; one term.

Four credits

INDUSTRY 406. Collective Bargaining.

Collective Bargaining is the study of the external and internal factors which influence the establishment of trade agreements and the application of the provisions of the established trade agreement to day-to-day employer-employee problems. Some of the topics covered in this course are the functions of collective bargaining; its application in day-to-day operations; its characteristic processes and procedures; and the effect of the law on negotiations and the resulting trade agreement. These topics are explored, analyzed and answered through a study of authentic cases drawn from industry. Outside readings and student reports are an integral part of the course work. Two-hour seminar twice a week; one term.

Four credits

INDUSTRY 407. Production Control.

The principles involved and the problems which arise in establishing and administering a program of production planning and control are treated. The course includes a study of forecasting, routing, scheduling, dispatching, expediting and coordination. Open only to Industry seniors. Term paper required. Prerequisites: Industry 202 and 404. Three hours of lecture per week; one term.

Three credits

INDUSTRY 408. Field Work in Industry.

Class discussion and written reports based on observation of modern industrial methods as applied by companies in the Philadelphia area. A comprehensive report on each plant visited is required every week. Open

only to Industrial Management seniors. Given only in Spring term. Prerequisites: All Industry courses. Three hours of lecture per week; one term.

Three credits

INSURANCE

INSURANCE 411, 412. Insurance Principles and Practices.

An elementary course designed to familiarize the student with the fundamental facts of insurance. A survey of (1) the underlying principles, (2) practices, and (3) legal aspects of life, fire, marine, fidelity and corporate surety, employer's liability, title and credit insurance. Three hours of lecture per week; two terms.

Six credits

MARKETING

GEORGE R. SWOYER, M.B.A., *Chairman*

MARKETING 201, 202. Principles of Marketing.

This course treats all of the activities concerned with getting goods from producer to consumer. These activities are considered from the standpoint of the types of goods, the middlemen handling the goods, and the functions performed by the middlemen in handling the goods. Markets, trade channels, the consumer and other critical areas of distribution are discussed. Three hours of lecture per week; two terms.

Six credits

MARKETING 304. Personal Selling.

This course outlines the development, importance and practice of individual selling in the economy. Consideration is given to sales personality, the phases of a sales presentation, types of buyers and ethics in salesmanship. Three hours of lecture per week; one term.

Three credits

MARKETING 305. Sales Administration.

The course considers the activities of a sales administrator in directing and controlling a sales force. Included are such topics as the recruiting, selecting, training, compensating, motivating and supervision of salesmen. Also treated are: establishment of sales territories, quotas and budgets. Three hours of lecture per week; one term.

Three credits

MARKETING 400, 401. Marketing Research.

A treatment of the use of scientific method in the solution of specific marketing problems and in the conduct of general market research studies. Topics considered include: methods of marketing research, gathering data, tabulation and analysis, interpretation of results and report presentation. Two hours of lecture per week; two terms.

Four credits

MARKETING 402. Advertising.

The course considers the role of advertising in the economy, planning the advertising campaign, physical production of the advertisement, a comparison of the various media, and the functions of an advertising agency. Three hours of lecture per week; one term.

Three credits

MARKETING 403. Retailing.

This course deals with the establishment of a retail store. Included are: store location, buying, pricing, personnel selection, selling, sales planning and control, credit and insurance. Three hours of lecture per week; one term.

Three credits

MATHEMATICS

BROTHER DAMIAN JULIUS, F.S.C., PH.D., Chairman

MATHEMATICS 101. College Algebra.

The earlier portion of this course treats in a more advanced manner the fundamental topics in mathematics covered by students who have had at least one year of high school algebra. In this course a good portion of the time is spent on theory and the cultivation of the student's powers of concentration. Advanced topics are then presented and developed through the solution of more theoretical and practical problems. Three hours of lecture per week; one term.

Three credits

MATHEMATICS 102. Plane Trigonometry.

By a thorough training in the meaning and use of the trigonometric function the student is given a wider knowledge of the applications of mathematics to materials he uses and sees in action. The correlation of the functions with one another as well as uses in other fields are stressed. Three hours of lecture per week; one term.

Three credits

MATHEMATICS 103, 104. Mathematical Analysis.

Through a logical sequence the relationship of the mathematical topics of algebra, trigonometry, analytic geometry and the beginning of calculus, the student is grounded in the fundamentals of those subjects and is also taught to realize that they form a synthetic whole. These, with their applications to the natural sciences, are interwoven throughout the course. Four hours of lecture per week; two terms.

Eight credits

MATHEMATICS 106. Mathematical Analysis (Advanced Section).

Superior students following Mathematics 103 will be invited to roster Mathematics 106 instead of Mathematics 104. In their sophomore year these students will roster Mathematics 216, 217 rather than Mathematics 206, 207. Four hours of lecture per week; one term.

Four credits

MATHEMATICS 204. Analytic Geometry.

The Cartesian and polar systems are used to study and reach certain conclusions which cannot be treated by the ordinary range of algebra, plane and solid geometry or trigonometry, although these subjects are applied throughout. Prerequisites: Mathematics 101 and 102. Three hours of lecture per week; one term.

Three credits

MATHEMATICS 206, 207. Differential and Integral Calculus.

Variations in conditions, shape, volume, motion and other attributes of bodies, their relations to other variables such as time, temperature and

forces of many kinds, and the definite integral as a limit of a sum and its far-reaching range of applications are studied. Thus, this subject is closely connected with the natural sciences and stress is laid upon its cooperation with physical and chemical objectives as well as upon the advancement of pure mathematics. Prerequisites: Mathematics 103 and 104 or Mathematics 204. Four hours of lecture per week; two terms. **Eight credits**

MATHEMATICS 216, 217. Differential and Integral Calculus (Advanced Section).

Theory of functions of one and of several real variables. Detailed discussion of polynomial, rational, algebraic, and elementary transcendental functions of one real variable. Riemann Integral. Infinite Series and Sequences. Stokes' Theorem. Applications to Geometry and Physics. Prerequisite: Mathematics 106. Four hours of lecture per week; two terms. **Eight credits**

MATHEMATICS 308. Differential Equations.

Differential equations of different orders, degrees and kinds such as total, simultaneous and partial are considered with emphasis on applications to the physical sciences. Prerequisites: Mathematics 206 and 207. Three hours of lecture per week; one term. **Three credits**

MATHEMATICS 310. Advanced Calculus.

This course deals with partial differentiation, multiple integrals, improper integrals and infinite series. Prerequisites: Mathematics 206 and 207. Three hours of lecture per week; one term. **Three credits**

MATHEMATICS 312. Modern Algebra.

Elementary theory of numbers and congruences are considered. Finite groups, Galois theory, fields, domains, matrices and their applications and determinants are treated in detail. Three hours, one semester. **Three credits**

MATHEMATICS 314. Introduction to Mathematical Physics.

Fourier series and integrals, Legendre polynomials, Bessel functions and Hermitian functions are treated and applied as solutions of partial differential equations arising from physical situations. Prerequisites: Mathematics 206 and 207. Three hours of lecture per week; one term. **Three credits**

MATHEMATICS 412. Vector Analysis.

The differential and integral calculus of vectors is derived and applied to dynamics of a particle, systems of particles and rigid bodies. Prerequisite: Mathematics 310. Three hours of lecture per week; one term. **Three credits**

MATHEMATICS 414, 415. Physical Mechanics.

While covering some of the principal subjects usually studied in dynamics, particular attention is paid to the application of higher mathematics to the

more modern concepts of forces and motions in smaller particles, systems of particles and rigid bodies. Prerequisite: Mathematics 310. Three hours of lecture per week; two terms. Six credits

MATHEMATICS 420. Seminar.

Papers are presented by the student in the seminar, and he is acquainted with the literature. This course is required of all mathematics majors. One hour per week; three terms. One credit

MILITARY SCIENCE AND TACTICS

LT. COLONEL WILLIAM J. BENNETT, *Chairman*

MILITARY SCIENCE 101, 102. Basic Freshman Military Science I.

An introduction to Basic Military Science dealing with the following military fundamentals: Organization of the Army and R.O.T.C.; Individual Weapons and Marksmanship; American Military History; School of the Soldier and Exercise of Command. Two hours of lecture and one hour of drill per week; two terms. Two credits

MILITARY SCIENCE 201, 202. Basic Sophomore Military Science II.

This course is a continuation of MS I covering the following military subjects: Map and Aerial Photograph Reading; Crew Served Weapons and Gunnery; Basic Tactics and Elementary Communications; School of the Soldier and Exercise of Command. Two hours of lecture and one hour of drill per week; two terms. Two credits

MILITARY SCIENCE 301, 302. Advanced Course Military Science III.

The aim of this course is to provide a basic military education and in conjunction with other college disciplines to develop individual character and attributes essential to an officer. It will deal with the following subjects: Leadership; Military Teaching Methods; Field Artillery Mission, Organization and Capabilities; Field Artillery Materiel; Communications; Gun Section Drill; Artillery Survey; Firing Battery; Observed Fires; Fire Direction Center; Introduction to Artillery Tactics; Operation of a Field Artillery Battery; School of the Soldier and Exercise of Command. Four hours of lecture and one hour of drill per week; two terms. Six credits

MILITARY SCIENCE 401, 402. Advanced Course Military Science IV.

This course is a continuation of MS III. The following topics are designed to develop in the students an appreciation for military command and staff work: Military Administration; Military Justice; Command and Staff; Military Intelligence; Supply and Evacuation; Troop Movements; New Developments; Motor Transportation; Service Orientation; Gunnery; Role of Air Defense Artillery; Employment of Artillery with Combined Arms Team; Organization and Tactical Employment of Missiles; School of the Soldier and Exercise of Command. Four hours of lecture and one hour of drill per week; two terms. Six credits

MODERN LANGUAGESJOHN GUISCHARD, PH.D., *Chairman***FRENCH****FRENCH 101, 102. Elementary French.**

An introductory study of the phonetics and grammar of the language including graded work in reading and composition. This course is intended for those who are beginning the study of French. Three hours of lecture per week; two terms.

Six credits**FRENCH 202. Review Grammar and Composition.**

This course stresses grammatical review, exercises in composition and selected readings. Prerequisite: French 102, or a passing grade in the placement examination. Three hours of lecture per week; one term.

Three credits**FRENCH 204. Intermediate Readings.**

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Three hours of lecture per week; one term.

Three credits**FRENCH 304. Advanced Conversation.**

The course includes intensive oral exercises with a view towards improving the student's pronunciation and increasing his vocabulary. Students make frequent use of audio aids in this course. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits**FRENCH 305. Advanced Grammar and Composition.**

The purpose of this course is to train the student in the use of correct idiomatic French and in the practical application of grammatical principles. It includes intensive exercises in written expression and in the translation of standard English prose into French. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits**FRENCH 306. Advanced Language and Style.**

Intensive work in written and oral expression and in the translation of English prose into French. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits**FRENCH 308. Survey of French Literature: Part 1.**

The course includes readings and discussions of selected works, or parts of works, from representative literary authors of the middle ages, the renaissance, and the seventeenth century. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 309. Survey of French Literature: Part 2.

Includes readings and discussions of selected works, or parts of works, from representative literary authors of the eighteenth and nineteenth centuries. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 315. The Short Story in France.

Reading of selected stories from the nineteenth and twentieth centuries. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 320. The Classical Tragedy.

This course includes the theater of Corneille and Racine. The following plays of Corneille are read and discussed in class: Le Cid, Polyeucte, and Cinna. Andromaque, Phèdre, and Britannicus are the selected plays of Racine. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 321. The Classical Comedy.

A study of the theater of Molière. Readings and discussions center around the following works of Molière: les Précieuses Ridicules, le Misanthrope, l'Avare, Tartuffe, le Malade Imaginaire, and le Bourgeois Gentilhomme. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 330. The Short Story.

Selected short stories from the nineteenth and twentieth centuries are read and evaluated. The rise and development of the short story in France are also subjects for class discussion. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 331. Practical Phonetics.

A study of sounds through visual and oral methods including the use of the international symbols. Individual pronunciation exercises are stressed. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 402. Modern French Prose.

Students are required to read and make reports on selected prose works of outstanding literary authors of the twentieth century. Selected readings are assigned for class work. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 405. History of the French Language.

Includes the periods from the origin of the French language to the end of the eighteenth century. Reports and readings are required. Prerequisite: French 204. Three hours of lecture per week; one term.

Three credits

FRENCH 413. Reading List: Part 1.

Contains a list of works from representative authors of high literary merit from the middle ages, the renaissance, and the seventeenth century. A full

report on each work read is required and such reports are discussed in class meetings. Prerequisite: French 204. Three hours of lecture per week; one term. **Three credits**

FRENCH 414. Reading List: Part 2.

Contains a list of works from representative authors of high literary merit from the eighteenth and nineteenth centuries. A full report on each work is required and such reports are discussed in class meetings. Prerequisite: French 204. Three hours of lecture per week; one term. **Three credits**

FRENCH 420. Seminar: The Modern French Theater.

Intensive research is undertaken by a student on an assigned modern playwright and his outstanding works. A research paper is required. These papers form the material for discussions by members of the seminar group. Prerequisite: French 204. Three hours of lecture per week; one term. **Three credits**

FRENCH 421. Seminar: Modern French Poetry.

Intensive research is undertaken by a student on an assigned modern poet and his outstanding works. A research paper is required. These papers form the material for discussions by members of the seminar group. Prerequisite: French 204. Three hours of lecture per week; one term. **Three credits**

GERMAN

GERMAN 101, 102. Elementary German.

An introductory study of the phonetics and grammar of the language including graded work in reading and composition. This course is intended for those who are beginning the study of German. Three hours of lecture per week; two terms. **Six credits**

GERMAN 202. Review Grammar and Composition.

This course stresses grammatical review, exercises in composition and selected readings. Prerequisite: German 102; or a passing grade in the German placement examination. Three hours of lecture per week; one term. **Three credits**

GERMAN 204. Intermediate Readings.

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Three hours of lecture per week; one term. **Three credits**

GERMAN 304. Advanced Conversation.

Oral exercises are given with a view towards improving the student's pronunciation and increasing his active vocabulary. Students make frequent use of audio aids in this course. Prerequisite: German 204. Three hours of lecture per week; one term. **Three credits**

GERMAN 305. Advanced Grammar and Composition.

The purpose of this course is to train the student in the use of correct idiomatic German and in the practical application of grammatical principles. Includes intensive exercises in written expression and in the translating of standard English prose into German. Prerequisite: German 204. Three hours of lecture per week; one term.

Three credits

GERMAN 308. Survey of Literature.—Part I.

An introductory course to acquaint the student with the literary movements and representative authors from the beginning to 1750. Outside reading of representative works. Some lectures in German. Prerequisite: German 204. Three hours of lecture per week; one term.

Three credits

GERMAN 309. Survey of Literature. Part II.

An introductory course to acquaint the student with the literary movements from 1750 to the present day. Outside reading of representative works. Some lectures in German. Prerequisite: German 204. Three hours of lecture per week; one term.

Three credits

GERMAN 402. Modern Authors.

Study of contemporary authors and their works. Intensive reading of the works of representative authors. Reports and discussions. Some lectures in German. Prerequisite: German 204. Three hours of lecture per week; one term.

Three credits

GERMAN 405. History of the Language.

The study of the German Language from its beginning to the present; particularly, the development of sounds, vocabulary and the formation of standard high German. The lectures are in German. Permission of the department chairman is required. Three hours of lecture per week; one term.

Three credits

GERMAN 413. Reading List: Part I.

Readings, reports and discussions. The reading material is selected from the various periods of German Literature. Prerequisite: German 204. Three hours of lecture per week; one term.

Three credits

GERMAN 414. Reading List: Part II.

Readings, reports and discussions. The reading material is selected from the various periods of German Literature. Prerequisite: German 204. Three hours of lecture per week; one term.

Three credits

GERMAN 420. Seminar.

The topics of investigation will vary from semester to semester. Readings, reports and discussions of a selected topic. Intended primarily for students majoring German. Permission of the department chairman is required. Three hours of lecture per week; one term.

Three credits

GERMAN 421. Seminar.

The topics of investigation will vary from semester to semester. Readings, reports and discussions of a selected topic. Intended primarily for students majoring in German. Permission of the chairman of the department is required. Three hours of lecture per week; one term. **Three credits**

ITALIAN

ITALIAN 101, 102. Elementary Italian.

An introductory study of the phonetics and grammar of the language including graded work in reading and composition. This course is intended for those who are beginning the study of Italian. Three hours of lecture per week; two terms. **Six credits**

ITALIAN 202. Review Grammar and Composition.

This course stresses grammatical review, exercises in composition and selected readings. Prerequisite: Italian 102, or a passing grade in the Italian placement examinations. Three hours of lecture per week; one term. **Three credits**

ITALIAN 204. Intermediate Readings.

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Three hours of lecture per week; one term. **Three credits**

ITALIAN 304. Advanced Composition.

Including intensive oral exercises with a view towards improving the student's pronunciation and increasing his active vocabulary. Students make frequent use of audio aids in this course. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 305. Advanced Grammar and Composition.

The purpose of this course is to train the student in the use of correct idiomatic Italian and in the practical application of grammatical principles. It includes exercises in written expression and in the translating of standard English prose into Italian. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 308. Survey of Italian Literature: Part 1.

This course is designed to provide a fundamental knowledge of Italian literature from its origins to the 16th century, with particular stress on Dante, Petrarcha and Boccaccio, and their contribution to Italian Humanism and Renaissance. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 309. Survey of Italian Literature: Part 2.

A comprehensive study of Italian literary currents from the "Marinismo" to D'Annunzio and Pirandello through neo-classicism, romanticism, and futurism, with comparative references to European literature. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 402. Modern Authors.

This course includes a survey of Italian narrative and poetic production in the late 19th century and in the first half of the 20th century, through Guido Piovene, Elio Vittorini, Corrado Alvaro, Bonaventura Tecchi, Gianna Manzini, Dino Buzzati, Giovanni Papini, Curzio Malaparte, Eugenio Montale, Giuseppe Ungaretti and others. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 405. History of the Language.

The course deals with the Italian language in its origins in the seventh century up to modern times. By means of a very few philologic and glotto-logic rules, the student will acquire a knowledge of the origins and transformation of Italian from vulgar Latin, in chronological progression. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 413. Reading List: Part 1.

The course gives an acquaintance with excerpts of Italian writers including the poets of the 12th and 13th centuries, such as Cino da Pistoia, Guido Guinizelli, Cielo D'Alcamo, Jacopo da Lentini Guido Cavalcanti, Dante Alighieri, Francesco Petrarca, Angelo Poliziano, Lorenzo de Medici and others. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 414. Reading List: Part 2.

In this course, lectures will be given on Italian poems of knighthood with particular emphasis on "L'Orlando Furioso" by Ludovico Ariosto and "La Gerusalemme Liberata" by Torquato Tasso. Any reference to the antecedents to this literary genre will have ample consideration in its chronological development. Prerequisite: Italian 204. Three hours of lecture per week; one term. **Three credits**

ITALIAN 420. Seminar: Part 1.

This course deals with the Italian literary production in the religious field. Special attention will be devoted to the writings of Saint Francis of Assisi, Saint Catherine of Siena, Fra Jacopone da Todi, Fra Jacopo Passavanti and Saint Bernardino of Siena. Prerequisite: Italian 308. Three hours of lecture per week; one term. **Three credits**

ITALIAN 421. Seminar: Part 2.

This seminar acquaints the student with the most famous Italian short stories from Giovanni Boccaccio to the seventeenth century through the "Novellino." Special attention will be given to those authors who con-

tributed to the development of the language by means of their writings.
Prerequisite: Italian 308. Three hours of lecture per week; one term.

Three credits

ITALIAN 422. Dante.

A comprehensive study of Dante's "Divine Comedy," viewed in its different aspects: an exciting adventure story, an exposition of the poet's political action and feelings, a love story, a compendium of history, science and theology, and, finally, a program of political organization. Prerequisite: Italian 308. Three hours of lecture per week; one term. Three credits

ITALIAN 423. History of the Italian Theater.

A chronological survey of Italian theater, from the religious medieval representations in the open to modern realistic drama. Special attention is given to Alfieri's tragedies and their influence on Italian "Risorgimento." Prerequisite: Italian 308; 309. Three hours of lecture per week; one term.

Three credits

POLISH

POLISH 101-102. Elementary Polish.

An introductory study of the phonetics and grammar of the language, including graded work in reading and composition. This course is intended for those who are beginning the study of Polish. Three hours of lecture per week; two terms.

Six credits

POLISH 202. Review Grammar and Composition.

This course stresses grammatical review, exercises in composition, and selected readings. Prerequisite: Polish 102; or a passing grade in the placement examination. Three hours of lecture per week; one term.

Three credits

POLISH 204. Intermediate Readings.

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Three hours of lecture per week; one term.

Three credits

SPANISH

SPANISH 101, 102. Elementary Spanish.

An introductory study of the phonetics and grammar of the language including graded work in reading and composition. This course is intended for those who are beginning the study of Spanish. Three lecture hours per week; two terms.

Six credits

SPANISH 202. Review Grammar and Composition.

This course stresses grammatical review, exercises in composition and selected readings. Prerequisite: Spanish 102; or a passing grade in the Spanish placement examination. Three hours of lecture per week; one term.

Three credits

SPANISH 204. Intermediate Readings.

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Three hours of lecture per week; one term.

Three credits

SPANISH 304. Advanced Conversation.

Including intensive oral exercises with a view towards improving the student's pronunciation and increasing his active vocabulary. Students make frequent use of audio aids in this course. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 305. Advanced Grammar and Composition.

The purpose of this course is to train the student in the use of correct idiomatic Spanish and in the practical application of grammatical principles. Includes intensive exercises in written expression and in translating of standard English prose into Spanish. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 306. Commercial Spanish.

This course is intended to acquaint the student with commercial Spanish terminology combined with lectures, readings and translations of business letters. Introduction of new vocabulary used in the business world with emphasis on Spanish-American idiomatic expressions. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 307. Spanish for Commercial Correspondence and Usage.

Lectures on the composition of Spanish commercial letters, designed to give ample practice in the use of technical and industrial vocabulary, sentence structure, and forms which are common in commercial Spanish. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 308. Survey of Spanish Literature: Part 1.

An introduction of the study of Spanish Literature which combines reading and discussion of the earliest works from the middle ages to the Masters of Drama of the Golden Age. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 309. Survey of Spanish Literature: Part 2.

A course in reading and discussion of the authors from the eighteenth century up to the present time including the classical and romantic periods of the nineteenth century. Three hours of lecture per week; one term.

Three credits

SPANISH 402. Spanish Novel—Modern Authors.

The study of the development and tendencies in the modern Spanish novel as indicated in the works of Pereda, Valdes, Alarcon, Galdos, Bazán and others. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 405. History of the Spanish Language.

The study of the formation of the language, its evolution and phonetic changes from Latin to the present modern pronunciations. Reading and discussions of the early Spanish texts and the development of the language in the early period. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 413. Reading List: the Spanish Novel of the XX Century.

Reading and discussions of the contemporary Spanish authors, their ideology and philosophical thoughts: Blasco Ibáñez, Pio Baroja, Felipe Trigo and others. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 414. Reading List: the Spanish American Novel.

Readings and discussions on the sociological and the literary aspects of the leading Spanish American authors and the development of their earliest works. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 420. Seminar: Drama of the Golden Age.

Readings, reports and discussions of the principal dramatists of the Golden Age; Lope de Vega, Tirso de Molina, Calderon, Alarcon and others. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

SPANISH 421. Seminar: the Novel in the Golden Age.

An extensive study based on readings, reports and discussions on the evolution of the Spanish Picaresque Novel: Lazarillo de Tormes, Guzmán de Alfarache and others. Prerequisite: Spanish 204. Three hours of lecture per week; one term.

Three credits

RUSSIAN

RUSSIAN 101, 102. Elementary Russian.

An introductory study of the phonetics and grammar of the language including graded work in reading and composition. This course is intended for those who are beginning the study of Russian. Three hours of lecture per week; two terms.

Six credits

RUSSIAN 202. Review Grammar and Composition.

This course stresses grammatical review, exercises in composition and selected readings. Prerequisite: Russian 102 or a passing grade in the Russian placement examination. Three hours of lecture per week; one term.

Three credits

RUSSIAN 204. Intermediate Readings.

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Three hours of lecture per week; one term.

Three credits

PHILOSOPHY

E. RUSSELL NAUGHTON, PH.D., *Chairman*

PHILOSOPHY 101, 102. Basic Philosophy.

A course in fundamentals which provides a basis for an outlook on life in conformity with the spiritual nature of man. The course prepares the non-Catholic student for the required advanced courses in Philosophy. **This course is required for all freshmen not taking Religion 110, 111.** Two hours of lecture per week; two terms.

Four credits

PHILOSOPHY 105, 106. Introduction to Philosophy.

A presentation of the basic problems of philosophy with a historical introduction to each type of problem. This course is centered around the definition and division of philosophy, and special attention is given to the significance of the variety of philosophical positions taken in each of the major areas of philosophy. Three hours of lecture per week; two terms.

Six credits

PHILOSOPHY 200, 201. Philosophy of Religion.

A course concerned with a philosophical analysis of religious problems. The main topics connected with religion are studied under the light of human reason. Data is offered from philosophy, physical science and psychology. Such topics are: God, His Nature, His Providence, the psychology of prayer and worship, the various acts of worship, charity and moral life, eternal life and immortality, the possibility of prophecy, miracles and revelation. **This course is required of all students not taking Religion 215, 216.** Two hours of lecture per week; two terms.

Four credits

PHILOSOPHY 202. Formal and Applied Logic.

A study of the objective though formal conditions of valid inference, and the application of logical principles to particular sciences. The course is presented to provide the basic principles, essential skills, techniques, or methodologies needed for college work, independent study and research. **This course is required for all sophomores.** Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 203. Philosophy of Human Nature.

A philosophical analysis of human nature which studies the position of man in the order of living beings and which lays particular emphasis on man's rational life. **This course is required for all sophomores.** Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 302. The Problem of Knowledge.

A study of the problem of knowledge in the light of the philosophy of Saint Thomas Aquinas. Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 305. Philosophy of Nature.

A study of the ultimate nature, origin, and end of the physical world with particular reference to man's position in the natural order. **This course is required for all Juniors.** Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 306. Social and Moral Philosophy.

An application of the principles of the Thomistic synthesis to the social and moral problems of the individual and social orders. **This course is required for all Juniors.** Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 311, 312. Reading List.

Works of major philosophers are read and discussed by the students with the purpose of understanding the formulation of the various positions taken by Thomistic and non-Thomistic thinkers. This course is restricted to philosophy majors and those specifically approved by the chairman of the philosophy department. Three hours of lecture per week; two terms.

Six credits

PHILOSOPHY 404. Readings in Saint Thomas Aquinas.

A detailed study of important passages in Saint Thomas in the light of present-day philosophical thought. Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 411. Metaphysical Problems.

A presentation of the fundamental metaphysical values underlying the more important aspects of philosophical thought in the fields of Epistemology and Ontology. **This course is required for all Seniors.** Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 412. Natural Theology.

This course presents a philosophical approach to the problems of the existence, nature, and attributes of God; the relation of God to the universe; and, in particular, the relation of God to man. **This course is required for all Seniors.** Three hours of lecture per week; one term. **Three credits**

PHILOSOPHY 413. History of Ancient and Medieval Philosophy.

An analysis of reasoned human thought from its earliest beginnings through the Middle Ages. This course is designed to relate each development of philosophical thought to the various factors under which it came into existence, to analyze its fundamental theories and to examine its effects on subsequent thought. Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 414. History of Modern and Contemporary Philosophy.

An analysis of the systems of thought coming into existence from after the decline of Scholasticism up through the present day. The method of this course is basically the same as that of Philosophy 413. Three hours of lecture per week; one term.

Three credits

PHILOSOPHY 420, 421. Seminar.

The basis of this course will be papers prepared by the individual students. These papers must be directed toward an understanding of the integral and intergrating nature of philosophy and they will be discussed from that point of view. This course is restricted to philosophy majors and those specifically approved by the chairman of the philosophy department. Three hours of lecture per week; two terms.

Six credits

PHYSICS

BROTHER G. JOSEPH, F.S.C., M.A., *Chairman*

PHYSICS 201, 202. General Physics.

This is a general course in the fundamentals of physics. It includes lectures, recitations, problem work, laboratory in mechanics, heat, sound, light, magnetism and electricity. Prerequisite: Mathematics 101, 102 or 103. Three hours of lecture, two hours of laboratory per week; two terms.

Eight credits

PHYSICS 211, 212. General Physics.

This course covers the same content as Physics 201, 202; however, emphasis is placed on the mathematical approach to this content. This course is required for Chemistry, Mathematics and Physics majors. Prerequisites: Mathematics 103, 104. Three hours of lecture, two hours of laboratory per week; two terms.

Eight credits

PHYSICS 304. Geometrical and Physical Optics.

The principles and methods of geometrical optics are presented. The wave theory of the refraction, dispersion, interference, diffraction, and polarization of light is considered. Experiments are carried on with lenses, mirrors, microscopes, spectrometer, spectrograph and interferometer. Prerequisites: Physics 201, 202 or Physics 211, 212; Mathematics 207. Three hours of lecture, two hours of laboratory per week; one term.

Four credits

PHYSICS 308. D.C. and A.C. Circuit Theory.

This is a theoretical and experimental study of electrical circuits. Steady and transient direct currents, steady alternating currents at low and audio frequencies are analyzed. Prerequisites: Physics 201, 202 or Physics 211, 212; Mathematics 206, 207. Two hours of lecture, two hours of laboratory per week; one term.

Three credits

PHYSICS 309. Electricity and Magnetism.

This course presents a treatment of the physical and mathematical properties of electric fields, dielectrics, magnetic fields, magnetic materials, electromagnetism. Prerequisite: Physics 308 either previously or concurrently. Three hours of lecture per week; one term.

Three credits

PHYSICS 407. Atomic Physics.

This is an introductory course in the theory of atomic structure, photo-electric effect, X-rays, atomic spectra, and related topics in the field of atomic physics. Prerequisites: Physics 304 and 308. Two hours of lecture, two hours of laboratory per week; one term. **Three credits**

PHYSICS 408. Nuclear Physics.

This is an introductory survey course in the field of nuclear physics: natural radioactivity, transmutations, high energy generators, fundamental nuclear particles, nuclear reactions, nuclear fission, atomic energy, theory of nuclear forces, and cosmic rays. Prerequisite: Physics 407. Two hours of lecture, two hours of laboratory per week; one term. **Three credits**

PHYSICS 410. Introduction to the General Principles of Electronics.

The introductory course in electronics is designed to acquaint the students with the fundamental theory of electric conduction through gases and vacua. The characteristics of common types of electronic tubes, basic electronic circuits and applications are studied. Prerequisite: Physics 308. One hour of lecture, four hours of laboratory per week; one term. **Three credits**

PHYSICS 411. Electronic Circuits.

This course is a continuation of the principles of electronics with particular application to wave shaping circuits, triggering and recording circuits. Prerequisite: Physics 410. One hour of lecture, four hours of laboratory per week; one term. **Three credits**

PHYSICS 420. Physics Seminar.

One hour of lecture per week; one term. **One credit**

PHYSICS 421. History of Science.

An introduction to scientific thought and scientific discoveries from the earliest times to the present. Individual work in the history of Physics. Two hours of lecture per week; one term. **Two credits**

PSYCHOLOGY

BROTHER D. VINCENT, F.S.C., PH.D., *Chairman*

One of the following Psychology courses is prerequisite for all other Psychology courses: Psychology 207, 208, 302 or 314. Psychology 417 is an exception, there being no prerequisites for it.

PSYCHOLOGY 207. General Psychology I.

An introduction to the facts and theories of the science of psychology. The nature of the human person and his behavior are studied, insofar as these are known from scientific observation. The nature, scope, and methods of modern scientific psychology, the biological and social foundations of behavior, motivation, and emotions constitute the subject matter of the first semester. Three hours of lecture per week; one term. **Three credits**

PSYCHOLOGY 208. General Psychology II.

This course is a continuation of Psychology 207. Intelligence, sensation, perception, learning, memory, the higher thought processes, and the concept of personality are covered in the second semester. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 302. General Introductory Psychology.

A one-term survey of the chief facts and principles of scientific psychology, designed especially for students concentrating in Education and for other students desiring a one-term introduction to the field. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 303. Educational Psychology.

This course is identical with Education 303. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 311. Developmental Psychology.

A general study of the development of behavior and the human personality from conception through adulthood, with special emphasis on childhood and adolescence. The characteristics, problems, and goals of each stage in the developmental sequence are covered in this course. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 312. Statistics I.

An introduction to descriptive statistics including measures of central tendency, variability and correlation. Special emphasis is placed on the interpretation of statistical techniques and on their application to research in psychology. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 313. Statistics II.

An intermediate course in statistics emphasizing statistical inference and prediction, including tests of significance. Prerequisite: Statistics I or its equivalent. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 314. Psychology of Adjustment.

A dynamic approach to the problems of an integrated personality, designed to assist the student in his individual and social adjustments. Students who have had Psychology 207, 208 or 302 should roster Psychology 324 instead of 314. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 315. Abnormal Psychology.

An introductory course surveying the principal forms of the major and minor mental disorders, with emphasis on the causes, symptoms, course and treatment. An analysis of the over-all problem of mental illness and a study of certain borderline personality and behavioral patterns and other forms of psychological deviation are also covered. Prerequisite: Psychology 314, or 324. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 316. Tests and Measurements.

The selection, administration and interpretation of psychological tests are used in the measurement of aptitudes, achievement, interest and personality. Three hours of lecture per week; one term. Three credits

PSYCHOLOGY 324. Personality Dynamics and Adjustment.

Restricted to students who have had a previous introductory course in psychology, this course gives a more advanced treatment of the matter covered in Psychology 314. Motivation, learning theory, conflict, adjustment are treated more fully and more profoundly as they are related to the dynamics of normal and abnormal personality development. Much attention is paid to personality theory and the deeper dynamics with a view toward establishing a foundation for adjustment and therapy. Three hours of lecture per week; one term. Three credits

PSYCHOLOGY 415. Counseling and Guidance.

An introduction to the field of counseling and guidance. Application of the principles and techniques of psychology to the understanding of people and to the educational, vocational, and personal adjustment of the individual. Three hours of lecture per week; one term. Three credits

PSYCHOLOGY 417. Industrial and Business Psychology.

A study of the psychological principles and techniques involved in selecting, training, and supervising employees, and in the fields of advertising, salesmanship, market research, work, fatigue and efficiency. The importance of human relations, individual differences and personality traits is considered in relation to success in the business and industrial world. Three hours of lecture per week; one term. Three credits

PSYCHOLOGY 419. Experimental Psychology I.

A laboratory course designed to introduce the student to the classical psychological experiments and to train him in the methods and techniques of experimental design and research in the field of psychology. Experiments are performed on the sensory processes, perception, learning and memory. Two hours of lecture and two hours of laboratory per week; one term. Three credits

PSYCHOLOGY 420. Experimental Psychology II.

This course is a continuation of Psychology 419. Experiments are conducted on the problems of attention, action and reaction, aptitudes, higher thought processes, emotions and in the fields of personality and social psychology. Two hours of lecture and two hours of laboratory per week; one term. Three credits

PSYCHOLOGY 422. Social Psychology.

A study of the facts and theories dealing with the phenomena of social behavior. The course focuses on individual behavior as it affects and is affected by the behavior of others. The scope and methods of social

psychology, the structure and function of social groups, roles, leadership, and prejudice are among the topics covered. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 423. Seminar I.

Discussion and analysis of the historical and philosophical background of modern psychology, with emphasis on the development of scientific psychology and the problems arising in the various areas of theory, and on the systems that have attempted to answer such problems. Present day approaches are given prominence. An attempt is made to evaluate, interpret, and apply intelligent criticism to the scientific facts and principles underlying theories of scientific psychology and to integrate them with the student's faith and philosophy. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 424. Seminar II.

A Survey of the chief academic, professional and scientific problems in modern psychology. Special problems of research and topics of general and special interest will be discussed and analyzed so that the student may obtain an over-all view of the field. Readings, discussions and a review of the field of psychological literature are included. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 425. Psychological Research

The purpose of this course is to integrate and apply the student's knowledge of scientific psychology, scientific methods, laboratory and statistical techniques, and the field of research literature in the solution of a specific problem. The student is required to complete a research project under the direction of one of the members of the Psychology staff. One term.

Three credits

PSYCHOLOGY 430. Foundations of Reading Instruction I.

This is an intensive introductory course in the psychology of reading which considers reading problems as they exist in the classroom and evaluates them in terms of acceptable procedures in developmental reading. Particular emphasis is given to reading readiness at all levels, the nature of the language arts, differentiation of instruction, and the diagnosis and correction of common reading difficulties in the classroom. The underlying psychological factors in language development are studied in relation to the pedagogical process to assure a sound theoretical foundation. This course is open to qualified undergraduates and teachers, supervisors, and administrators. Three hours of lecture per week; one term.

Three credits

PSYCHOLOGY 431. Foundations of Reading Instruction II.

This course is a continuation of Psychology 429. Thorough consideration is given to the instructional process with emphasis on the development of basic comprehension and word recognition skills. Directed reading activities and experience approaches to instruction are covered in theory and practice. Curriculum plans and qualitative aspects of instruction are also considered. Three hours of lecture per week; one term.

Three credits

RELIGION**BROTHER D. THOMAS, F.S.C., PH.D., *Chairman*****RELIGION 100, 101. Survey of the Catholic Religion.**

This is a review course of the fundamental doctrines of the Church. It is required of those Catholic Freshmen whose background indicates considerable deficiency in the basic dogmas of the faith. Non-Catholics may elect it. Two hours of lecture per week; two terms. **Four credits**

RELIGION 108, 109. Survey of the Bible.

This is an introductory course in the Bible with emphasis on the history of the Chosen People during the first term, and on the life, work and character of Jesus during the second. Two hours of lecture per week; two terms. **Four credits**

RELIGION 110. The Old Testament.

This course begins with a general introduction to the Bible including inspiration, inerrancy, canonicity, the senses and rules for interpretation of scripture. Then the religious significance of the Old Testament is explored by lectures and assigned readings on the more important historical, prophetic and sapiential books. Two hours of lecture per week; one term. **Two credits**

RELIGION 111. The New Testament.

An introduction to the New Testament canon, the credibility of the Gospels, and the religious and political milieu are followed by a study of the Gospels, the Acts, and select Epistles in lectures and assigned readings. Two hours of lecture per week; one term. **Two credits**

RELIGION 120, 121. Exposition of Christian Doctrine, Part I: Dogma.

A study of the dogmatic content of the Apostles' Creed. This course is restricted to Religious Education Majors. Two hours of lecture per week; two terms. **Four credits**

RELIGION 215. Apologetics.

A study of the foundations of the Catholic Religion: divine revelation, the historicity of the Gospels, Christ's claims to be God, the nature of the true Church, the Roman Pontiff. Two hours of lecture per week; one term. **Two credits**

RELIGION 216. Christian Virtues.

An examination of the natural and supernatural basis for Christian virtue, namely, human acts and grace. This is followed by a detailed discussion of each of the theological and moral virtues. Two hours of lecture per week; one term. **Two credits**

RELIGION 220, 221. Exposition of Christian Doctrine, Part II: Moral.
 The course treats the general principles of morality, the virtues, commandments, precepts and counsels. This course is restricted to Religious Education Majors. Two hours of lecture per week; two terms. **Four credits**

RELIGION 315. Dogmatic Teachings of the Catholic Church.
 A systematic study of the One God, the Trinity, Creation, the Elevation and Fall of man, and man's Last End. Two hours of lecture per week; one term. **Two credits**

RELIGION 316. The Incarnation and Redemption.
 A detailed study of the Mystery of the Incarnation, of the Hypostatic union of the divine and human natures in Jesus Christ and of the perfections of the human nature assumed by the Word. This is followed by an examination of the redemptive and sacrificial role of Christ as Mediator and Savior of all men, and a brief study of the Virgin Mary as Mother of God and men. Two hours of lecture per week; one term. **Two credits**

RELIGION 320, 321. Exposition of Christian Doctrine, Part III: Worship.
 This course treats grace, prayer, the sacraments and the liturgy. It is restricted to Religious Education Majors. Two hours of lecture per week; two terms. **Four credits**

RELIGION 415, 416. Sacramental Teachings of the Catholic Church.
 A general study of the nature and characteristics of the Sacraments is followed by an examination of the meaning, purpose and value of each of the seven sacraments. Two hours of lecture per week; two terms. **Four credits**

RELIGION 420, 421. Fundamental Theology.
 First term: Apologetics. A short introduction to Sacred theology; nature and properties of divine revelation; historical sources for the Life of Christ; the credibility of Catholic dogma. Second term: Ecclesiology. The concept and qualities of the Catholic Church; the living magisterium of the Church. This course is restricted to Religious Education Majors. Two hours of lecture per week; two terms. **Four credits**

SOCIOLOGY

BROTHER D. AUGUSTINE, F.S.C., PH.D., *Chairman*

SOCIOLOGY 101. Introductory Sociology.
 A consideration of fundamental concepts in several approaches to the study of human relationships. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 103. Social Problems and Agencies.
 A study of current maladjustments in urban and rural human relationships and of the agencies designed to assist groups and individuals concerned. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 304. Marriage and the Family.

A study of the factors which make for successful family life. Offered each semester. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 305. Social Institutions.

A consideration of the continuing organizations whereby control in groups is exercised. The family, the state, the parish, private property, occupations, education and recreation are studied with regard to expected behavior and member roles. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 313. Social Statistics.

A general introduction to the mathematical techniques of statistics, with special emphasis on interpretation and application to sociology. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 407, 408. Introduction to Social Research.

Assistance is given individual students or a group of students in class and in conferences toward planning and completing a project which requires utilization of several social research techniques. Projects completed satisfactorily in one semester will receive three credits. Open only to majors in Sociology or Preparation for Social Work. Two hours lecture, four hours field work, per week; two terms. **Eight credits**

SOCIOLOGY 412. Introduction to Social Work.

An elementary interpretation of the art and sciences of helping people to help themselves. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 414. Welfare Legislation.

A study of the major public provisions which are directed toward minimum income security. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 416. Criminology.

A consideration of delinquency, the machinery of justice and the treatment of criminals. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 418. Anthropology.

A more complete study of the cultural approach to sociology than is possible in the introductory course. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 420. Industrial Sociology.

An examination of human relationships and social processes in occupational groups. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 422. Social Psychology.

This course is identical with Psychology 422. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 424. The Social Encyclicals.

A study of the program of the Catholic Church with regard to social institutions and the solution of social problems. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 425. History of Social Thought.

A brief consideration of major contributions to thinking concerning human relationships. Three hours of lecture per week; one term. **Three credits**

SOCIOLOGY 426. Sociological Theory.

A survey of the results of theory-making from the genetic point of view. Emphasis will be given to theorists who have had the most influence in American sociology. Three hours of lecture per week; one term. **Three credits**

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